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Commonwealth of Pennsylvania

REPORT

of the

Department of Mines

OF PENNSYLVANIA

PART 1- Anthracite

1929-1930

LETTER OF TRANSMITTAL

Department of Mines, March 1, 1932.

To His Excellency
Gifford Pinchot
Governor of Pennsylvania.

Honorable Sir:

I beg to submit herewith Part I of the report of the Department of Mines for the years ending December 31, 1929 and 1930. This report covers in detail the operations in the twenty-five Anthracite inspection districts as returned by the Inspectors.

Respectfully submitted,

WALTER H. GLASGOW

Secretary of Mines.

Harrisburg, Pa., March 1, 1932.

Honorable Walter H. Glasgow,
Secretary of Mines,
Harrisburg, Pennsylvania.

Sir:

I submit herewith a report covering the activities of the Anthracite Division of the Department of Mines for the years 1929-1930.

It is gratifying to state in transmitting to you the report of the activities of the Inspectors that they have at all times given to the Department the most hearty and intelligent cooperation.

Respectfully yours,

JOSEPH J. WALSH

Deputy Secretary, Anthracite Division

REPORT

OF THE

DEPARTMENT OF MINES

INTRODUCTION

During the year 1929, 72,985,844 net tons of coal were produced; this is about 2.1 per cent below the 1928 production. The production for 1930, which was 68,776,559, is 5.7 per cent below the production for 1929.

The following table clearly shows the trend of Anthracite production and man-days since 1924. As 1924 was an average year both for production and days worked, it is used here as a base with which the years 1925 to 1930 inclusive are compared.

Year	Men days	Per cent	Production (Net tons)	Per cent	
1924	44,054,141	100.00	87,277,449	100.00	Average production
1925	29,672,548	67.35	61,334,145	70.27	Strike Sept. 1 to Jan. 1.
1926	41,020,400	93.11	83,874,500	96.10	Strike Jan. 1 to Feb. 18.
1927	37,984,468	86.22	79,367,154	90.94	
1928	35,246,265	80.01	74,552,312	85.42	
1929	34,771,653	78.93	72,985,844	83.63	
1930	31,675,665	71.90	68,776,559	78.80	

Different reasons have been given for the decline in Anthracite consumption during the past several years. Those most generally accepted as the true causes are:

1. The use of coke, oil and Bituminous coal for heating homes and large buildings other than homes.

2. The depressed condition of business throughout the country and the absence of severe winter weather extending over prolonged periods of time.

The following table[1] gives some idea of the trend of things in the coal, coke and oil industries, particularly regarding their use for home heating purposes:

	1924	1925	1926	1927	1928	1929	1930
Anthracite exported	4,017,785	3,179,006	4,029,683	3,325,507	3,336,272	3,406,369	2,551,659
Anthracite imported, chiefly from United Kingdom	117,951	382,894	813,956	119,030	384,707	487,172	674,812
Fuel briquets imported	38	6,758	123,593	60,601	71,485	89,458	73,418
By-product coke sold for domestic use	2,812,771	4,085,068	5,056,568	4,702,529	6,254,382	7,376,320	7,883,432
Beehive coke sold for domestic use	139,886	392,698	386,045	111,103	78,338	134,703	141,391
Coke imported	82,833	201,579	284,548	168,859	147,701	119,724	132,674
Gas-house coke sold	1,400,000	1,368,704	1,400,000	1,484,268	1,450,000	1,400,000	1,300,000
Petroleum coke produced	761,100	991,000	995,300	1,145,200	1,426,600	1,820,600	1,940,000
Oil used for heating houses (barrels)	5,021,000	8,829,000	9,080,000	11,709,000	14,271,000	19,581,000	25,359,000
Oil used for heating offices, hotels, apartments, schools, hospitals and buildings other than houses (barrels)	[2]	12,100,000	13,874,000	15,751,000	16,427,000	17,820,000	17,344,000

[1] From U. S. Bureau of Mines Publication "Pennsylvania Anthracite in 1930."
[2] Data not available.

ACCIDENTS

There were no catastrophes during the year 1929 and only one during 1930, which occurred at the Gilberton Colliery of the Philadelphia and Reading Coal and Iron Company. A catastrophe is an accident in which five or more lives are lost.

The report of the Mine Inspector, who has supervision over this colliery, and the report of the Committee of Inspectors who investigated the accident, with the verdict of the coroner's jury, are given herewith:

REPORT OF DISTRICT INSPECTOR

August 11, 1930.

Hon. Walter H. Glasgow,
Secretary of Mines,

My dear Mr. Glasgow:

At 4-45 P. M., August 8, 1930, one of the worst mine accidents in this part of the coal region in many years occurred on the old Furnace or No. 1 Slope, Gilberton Colliery, of the Philadelphia & Reading Coal & Iron Company, in Gilberton Borough, Schuylkill County.

I received notice of the accident at 5-15 P. M., and at 6 P. M. was at the colliery and a few minutes later was at the scene of the accident. Three of the dead bodies and all of the injured had been removed from the mine; one body was recovered shortly after I arrived. After checking up all the names of the men who were at work at the time of the accident, it was found that one man was missing; but before a search could be made below the 3rd lift it was necessary to place some temporary relief props under the bad ends of the rock where the fall occurred, and also to build a temporary battery across the slope at the 3rd lift to protect the men while searching for the missing body. This work was finished at 9-30 and a search made below the lift; 75 feet below the lift two bodies were found instead of one, making six bodies recovered, and two of the injured men died while the search was being made for the missing men, making a total of eight lives lost.

After the last bodies were recovered I ordered four men to make a complete examination of the slope from the 3rd to the 6th lift to make sure that all the bodies were recovered. After this examination was made I stopped all work on the slope until after the cause of the accident was investigated.

I called on Inspectors Bottomley and Golden to meet me at Gilberton Colliery the next morning to make an investigation for the purpose of determining the cause of the accident and placing the responsibility therefor.

Very truly yours,

JAMES QUIGLEY
Inspector of Mines—22nd District

REPORT OF COMMITTEE OF INSPECTORS

August 11, 1930.

Hon. Walter H. Glasgow,
Secretary, Department of Mines,
Harrisburg, Pennsylvania.

Dear Sir:

We, the undersigned commission of inspectors, who investigated the cause of the accident that occurred August 8, at 4:45 P. M., on the Furnace or No. 1 Slope, Gilberton Colliery, of the Philadelphia & Reading Coal & Iron Company, Gilberton Borough, Schuylkill County, submit the following report:

On the morning of August 9 we examined the slope at the place where the fall of rock occurred below the 1st lift and then examined the slope 50 feet above the 3rd lift, where all the men who were killed and injured were working repairing the track when the fall occurred. After this examination we questioned the following persons in the colliery office who had been working on the slope before the accident occurred: Harry Morgan, inside foreman at Draper Colliery, who had charge of the slope from the 3rd lift to top of slope, Philip Hahn and William Roberts, assistant foremen, who assisted Mr. Morgan from 3rd lift to top of slope, John Walunas, Charles Eckert, Joseph Kazoulskie and Andrew Krull, all repairmen on the slope. We also interviewed the following company officials: William E. Jones, colliery superintendent. P. J. Quigley, general superintendent, Morgan Bevan, former division superintendent, Frank Sluzalis, safety inspector of the coal company, and James Quigley, state mine inspector of the district.

After visiting the place of the accident and where the fall occurred and taking the voluntary testimony of the above-named persons, particularly that of Harry Morgan, inside foreman, that he examined the roof with an iron bar on the afternoon of the day of the accident, and of assistant foremen Philip Hahn and William Roberts, that they both examined the top at the place where the fall occurred after the blasting was all done on Wednesday at 6 P. M., and on Friday at 1 A. M., and the testimony of the four repairmen John Walunas, Charles Eckert, Joseph Kazoulskie and Andrew Krull, that the place was safe after the top was taken down to make height for the boat to pass at the place where the fall occurred, we have unanimously come to the conclusion that the accident was unavoidable; also that the accident was due to a fall of rock below the 1st lift on the slope, about 650 feet above the 3rd lift where the men who were killed and injured were repairing the slope, and on account of the pitch on the slope it carried down the slope, gaining momentum as it rolled and tumbled down until it reached the place where the men were working; with no chance to escape they were caught in the rush and crushed to death. Eight are dead, three seriously injured and two slightly injured. Six persons were killed instantly and two died after they were admitted to the hospital at Shenandoah, Pa.

Through the courtesy of the officials of the coal company, we are able to furnish you with a typewritten report of all that took place at the meeting in the colliery office and a blue print of the slope showing

the different points where the men were working, where the bodies were found, where the fall occurred, and the different lifts and elevations.

Respectfully submitted,

BERT GOLDEN
Inspector, 20th Anthracite District

WILLIAM R. BOTTOMLEY
Inspector, 21st Anthracite District

JAMES QUIGLEY
Inspector, 22nd Anthracite District.

VERDICT RETURNED AUGUST 16, 1930, BY CORONER'S JURY IN ACCIDENT AT GILBERTON COLLIERY— THEO. C. FEGLEY, CORONER

"Death was caused by a fall of rock from the roof of the Gilberton Slope. It is the judgment of the Jury that the above-named eight men met their death through failure of the employer to provide safety measures by the placement of a temporary battery above the point where the men were working."

MINE FOREMEN'S AND ASSISTANT MINE FOREMEN'S EXAMINATIONS, 1929-1930

In 1929 the examinations of applicants for certificates of qualification as Mine Foremen and Assistant Mine Foremen were held in six districts designated by the Secretary of Mines on April 16 and 17. The places where the examinations were held, the Mine Inspectors in charge as Chairmen of the Examining Boards, and the successful applicants who were granted certificates by the Department of Mines, are as follows:

HAZLETON — *DAVID J. RODERICK, MINE INSPECTOR, 15th DISTRICT*

MINE FOREMEN

Stanley Vincent Cherescavich, William Brynley Davies, Nicholas Dellisanti, George Dzara, Wesley Forrester Geyer, John Harvilla, Harold W. Heycock, William Kelps, Reynold Marvin Meneeley, George Francis Novotnak, Robert W. Parfitt, Frank J. Poklemba, Hopkin Reese, Herman J. Roinick, Elmer E. Shelly, William Smith.

ASSISTANT MINE FOREMEN

Simon Bechtold, William H. Boyd, John Boyder, Jr., John Boyko, John Contrady, John Cossman, Joseph H. Cunning, Alvin E. Daubert, James Davis, Wallace Wilbur Davis, Joseph Derench, Peter Fusesick, Michael Gaidish, James F. Garrett, George S. Hart, Walter Hildebrand, William Henry Hunsinger, John Jarrett, William H. Jenkins, John G. Jones, Thomas O. Matas, Philip McGran, James Joseph McKinley, Thomas Paisley, John Prebula, Norman Richards, Michael Staeskinsky, Nicholas Tier, George Joseph Tomko, Michael Waskovich, John L. Watkins, Edward Weyhenmeyer, Leslie Williams.

KINGSTON *THOMAS J. WILLIAMS, MINE INSPECTOR, 11th DISTRICT*

MINE FOREMEN

Anthony J. Barowskas, Gavin Fletcher Barr, James T. Belmont, George Bennett, James John Beyer, John Bisset, Stephen Cervenak, Joseph A. Comer, Francis George Dailey, William Davies, Emerson J. Davis, James A. Edwards, William B. Evans, Francis Patrick Gerrity, Cromwell Gibbon, Joseph M. Gorman, John P. Gouse, Thomas L. Grady, Ray O. Hartman, William Golidge Hilburt, Joseph Aloysius Hopkins, Richard James, Arthur Johns, Isaac Jones, Raymond Jones, Robert Hamilton Jones, Thomas Keirle, Cecil Alva Krause, Mike Kuzmak, Gray Lacey, Ralph Arthur Lambert, Benjamin G. Leedock, Louis J. Lipfert, Christian C. Madsen, Joseph Miscavage, Samuel George Moseley, Samuel Owens, John W. Pero, Carl A. Peterson, Gordon Roberts, Hugh Bruce Simpson, George H. Skuse, Joseph Snyder, John Stusnick, Ronald Wilson Tamblyn, Harry G. Thomas, Seth Thomas, Harry Frye Weaver, Idris Williams, Robert J. Williams, William Henry Williams, Andrew Wilson.

ASSISTANT MINE FOREMEN

Oscar Alpaugh, John Apple, Adam Barr, William Bilek, Jonah Bolton, Jr., Anthony Butsavage, John G. Cabore, Michael Cavanaugh, Jr., Thomas Patrick Conroy, John M. Costello, Albert V. Cross, Henry M. Davis, John J. Davis, Meredith Evans, Christ Ferguson, Harry Flecknoe, Monroe Z. George, John Gooch, Joseph Gooch, James Grady, Joseph Gustanski, Andrew Hayduk, Robert Hurd, David B. Jones, David Henry Jones, William Rees Jones, Gerald F. Kettle, Paul Lally, William R. Lewis, Anthony Makowski, Andrew Menziff, Jacob John Molitoris, William Franklin Moyer, George D. Norris, Evan E. Owens, John Phillips, Gus Prohasky, Peter Pryzbyla, William Roberts, George Joseph Rooney, John Francis Scott, Jesse D. Shaw, Peter P. Shorty, Philip Shurda, Albert Siperko, William J. Skrinak, William John Stochen, Clarence Swanson, Morgan P. Thomas, Dino Tillie, John Henry Tyrrel, Geddie Valitus, David Francis Walters, David G. Weaver, Stanley V. Wielga, Leo Wisniewski, Metro Wozney, Charles Philip Yochem, Jr.

MOUNT CARMEL *JAMES QUIGLEY, MINE INSPECTOR, 22nd DISTRICT*

MINE FOREMEN

John Allen, Winfield Scott Boyd, Peter J. Bubnis, Jerry M. Byrne, John I. Campbell, Edward J. Canfield, Edward A. Derringe, Arthur J. Dillman, William H. Flanagan, Clarence S. Foltz, James Gaughan, John P. Hahn, Raymond Edwin Haupt, Joseph Joyce, Andrew Karlak, Victor Leshefski, Thomas W. Martin, Francis P. McAndrew, Peter McManamen, Joseph Millard, Milton Mathias Morgan, James Raymond Muldowney, Daniel Francis Munley, Robert James Penman, Harry J. Ryan, Arthur Leslie Sharp, Thomas J. Shaw, John Joseph Shecora, John Philock Smith, Joseph J. Spudis, Anthony E. Wasilewski, Leo J. Welsh, John E. Wetzel, Joseph T. Witkoskie.

ASSISTANT MINE FOREMEN

James Barrett, Harold Edward Bentzley, Joseph A. Beranoski, Paul Berent, Stanley Bladdy, Charles W. Booble, Earl W. Boyer, Ralph Dewey Boyer, Andrew Valentine Bozna, Charles J. Brennan, Martin James Cannon, George Caton, Jr., Joseph Ceback, Joseph Edward Chapman, John Peter Consavage, Thomas Edward Corrigan, Lawrence R. Coutts, Walter Davis, Patrick T. Dixon, Michael Vincent Dolphin, John P. Domanitis, Charles Lester Duncheskie, James Duncheskie, Henry Eckley, Robert Evans, Thomas Elmer Evans, Lawrence D. Fennessy, Daniel C. Fey, Edward Fleming, Julius Paul Frazick, James Gallagher, Heber James Garraway, Edward Aloysius Gough, Philip J. Hahn, Daniel Webster Hinkel, Edward Joseph Hoffman, Peter Honofsky, Edward Humes, Walter J. Jacoboski, Arthur A. Joyce, John A. Karasevich, James John Keating, William L. Kessler, Harry Klassen, Oliver Walter Knorr, Florian Konietski, Nicholas Kotanchik, David Kimber Kreischer, John W. Krizanauskas, John Lavelle, William Ellis Lehe, Michael Leskin, William Francis Lytle, Marshall Mazari, James Patrick McAndrew, Edward L. McDonald, Thomas James McGinley, James Whitman McNutt, Peter Paul Melenofsky, Joseph G. Menegat, Philip Vincent Monaghan, William H. Moore, Patrick Thomas Moran, William J. Navitsky, Charles A. Noon, Edward Lawrence Oakum, John M. O'Neill, Joseph F. Palsinski, William Pojkenis, Stanley Frank Raskie, Albert Raudenbush, William Roberts, William L. Rumberger, Joseph Samluck, Peter J. Sankus, Joseph W. Savage, Adam W. Selvis, John Stephen Shamanski, Joseph Siddal, Charles Sincavage, John Smallets, Stanley J. Spudeck, Michael Swank, David P. Thomas, Frank Joseph Venesky, Joseph Verbish, Anthony Walsh, Clinton O. Wary, Joseph Wasilewski, Harry Wilson, Joseph Wozniak, Albert Harold Yakemonis, Alex Anthony Yescavage, Joseph P. Yurewicz, Anthony Zeckabofsky, Albert J. Zerambo, Felix P. Zimmerman.

NANTICOKE — *FRANK KETTLE, MINE INSPECTOR, 13th DISTRICT*

MINE FOREMEN

William F. Boyle, John Deets, Leonard Faust, John Henry Gibbons, Wheeler F. Gottshall, Alex Henderson, John Hudachek, William J. Moore, Edward Soldinski, Peter L. Yunevitch.

ASSISTANT MINE FOREMEN

Robert Blakeslee, Miles S. Carver, William Anthony Connelly, James Grant Cooke, John Dixon, Edgar Evans, Felix Gorski, Alvin Hutchinson, Anthony Jarmusik, Daniel Jones, Llyndhurst Stanley Jones, Stanley Harvard Jones, James Kane, Michael Kasenchak, William Lastowski, Leo Leonard, Edgar Myers, Walter Nash, Thomas J. O'Malley, Harold W. Parks, Henry George Read, William J. Richards, Albert Richard Roachford, Arthur Roachford, William Rogers, Lewis Philip Rohde, Jr., William Samuels, Anthony H. Supchak, Arthur Thomas, Joseph Thomas, Daniel P. Tracy, Thomas Tregan, Alvin Vaichitis, Walter Waslofski, Samuel West, Melvin L. Williams, Percy A. Williams, Richard Williams, Herbert Woodeshick, Herman Woodeshick, Ignatz J. Yaskulski, Carl Webster Young, Stanley Walter Zeveney, John James Zimmerman.

POTTSVILLE *CHARLES G. FROMME, MINE INSPECTOR, 19th DISTRICT*

MINE FOREMEN

Andrew F. Alshefski, George Allen Bowman, Martin J. Brophy, Raymond J. Close, John Alfred Gottschall, John G. Hartnett, Arthur W. Hatter, George M. Hoffman, Frank Klocek, Ira Kohr, Frank J. McBride, James Benedict McDonald, Francis Joseph McGovern, Richard Miller, John J. Murphy, Jr., John Nolter, Arthur R. Ossman, Joseph John Plasky, Warren H. Schaeffer, Robert Otto Schneider, Stanley J. Shunosky.

ASSISTANT MINE FOREMEN

Edward E. Acaley, James Cox Allen, Charles Alutius, Joseph J. Amstock, Michael Birosh, Joseph Blickley, Peter J. Boran, James Bradley, William Richard Bradley, Thomas M. Brophy, Robert T. Brown, Steve Buchinsky, George C. Campbell, Thomas Rowland Campbell, Edward Vincent Coady, James E. Culbert, Philip Cullen, James Thomas Daley, Levi J. Ditzler, Richard Gartrell Donald, John J. Eigo, Walter John Erbe, George Faust, Chester Ralph George, John Geshan, Jr., Allen L. Gilmore, Joseph Gleason, John Greybush, Thomas J. Griffiths, James F. Haley, James Cornelius Hampford, Martin Haney, Edward J. Hanley, James Hanley, Michael Hudak, John Jones, John D. Kehler, John Leo Kemple, Leon Joseph Kurtz, Paul P. Kurtz, John Kushie, Claude A. Lehman, James D. Lewis, John Livingstone, Anthony Lozoskie, Charles Mahony, George Allen Malick, John J. Malick, James Vincent McClennan, Edward McCloskey, Edward Leo Mehm, Joseph J. Mehm, Leo Albert Mielke, Ralph Minnig, Thomas James Miske, Joseph Mitchell, William H. Montgomery, John Nederoski, John Newcomer, Louis Edward O'Conner, Metro Ollin, Joseph Olshefski, Francis Ossman, Stephen Pingor, Joseph Radziewicz, Oliver A. Reed, Francis William Reilly, John Benjamin Reinoehl, Enoch Rollis, William Rooney, Charles Roos, Robert R. Ruffus, Roy E. Seiger, Landis R. Shuey, Anthony Shumskas, George H. Shutt, Lloyd Alfred Smeltz, George Smigo, Peter F. Smigo, Leon Cameron Spatzer, Martin Stucker, Daniel Thomas, Charles Todack, Joseph Toner, Jesse J. Valesky, Joseph Weber, Jacob Wenrich, Elmer Irwin Wertz, Chester A. Wetzel.

SCRANTON *AUGUSTUS McDADE, MINE INSPECTOR, 4th DISTRICT*

MINE FOREMEN

Fred Atwell, William Baldwin, David J. Bartlett, Tony Biscontini, John Black, C. Gerald Blake, Zola F. Bohn, Gordon Bowen, Martin A. Brennan, Andrew Budash, Sidney Bugelholl, Archibald MacDonald Campbell, Michael G. Carroll, Percy Maxwell Cassidy, Arthur Charlesworth, William Colthart, William B. Cotton, Paul P. Daniels, Arthur James Davies, David R. Davies, John Samuel Davis, LeRoy Davis, Frank DeAngelus, George Felix D'elia, Charles Franklin Dennis, Fred R. Derby, Gervis A. Donnelly, Miles Joseph Dunleavy, Michael J. Dunne, Charles Joseph Fay, Joseph Francis Gehen, John Aloysius Golden, Thomas P. Granahan, Leo Stanislaus Grogan, John Francis Hayes, Thomas Holland, Joseph Holmes, William Gervase Horan, Aldwin Davis Jones, Joseph Leo Kanavy, Leo John Kearney, William J.

Kearney, Roy James Laurie, Gerald Francis Lavelle, Carroll James Lewis, Solomon Lewis, Edward J. Magner, Joseph Francis Maloney, Anthony Edward Manley, John Thomas McCarthy, John McGinley, Laurence McGinley, William F. McGraw, Aloysius John McNulty, Karl Theodore Miller, William Morgan, Joseph R. Morris, Earle Clark Muir, James Joseph Murray, Johnstone Naysmith, Thomas James Nicholson, Joseph O'Byrne, Andrew E. Querci, Edward Joseph Quinn, Patrick Rafferty, William A. Ratchford, James Revie, James Joseph Rush, Bartholemew Vincent Sheehan, Frank Siglin, Camello Smargissi, Willis Clarence Stevens, Charles E. Strubeck, Joseph A. Tardosky, John Brennan Timlin, Que Vecchi, William Robert Verrill, Patrick J. Walsh, Samuel Waters, Roger Wilson.

ASSISTANT MINE FOREMEN

George King, Thomas McGinley.

In 1930 the examinations were held in six districts, April 23 and 24.

HAZLETON — *DAVID J. RODERICK, MINE INSPECTOR, 15th DISTRICT*

MINE FOREMEN

Frank Clinton Barr, Wallace Wilbur Davis, Arthur S. Glance, Emerson Haughton, William Henry Hunsinger, John Aloysius Johnson, Thomas Orion Matas, Jeremiah Gordon McGeehan, William Henry Rees, Eugene Richard Rossi, Anthony Schriebmaier, Edward Stein, Harry Sube, Frank Swinsburg.

ASSISTANT MINE FOREMEN

John Mathew Biskupics, William Charles, Michael D. Cimbala, Clarence Lloyd Davis, Elmer Decker, John Deisenroth, George T. Eardley, Harry Evans, James Flaim, Frederick J. Gallagher, John Haburchak, Caleb James, David John Jones, Lester William LaBarr, Dominick Patrick McGee, Morgan Morgans, William John Nenstiel, John L. Nicolodi, Charles Joseph Pahler, Thomas Sheridan, Wasil Smerconish, Cletus William Spaide, Steven Suvada, Russell Ulshafer, Frederick Wambach, John L. Wargo, Hoyt Chester Woodring.

KINGSTON — *THOMAS J. WILLIAMS, MINE INSPECTOR, 11th DISTRICT*

MINE FOREMEN

Adam Barr, Albert Victor Cross, Henry Goss, James Coulson Gray, Richard Arthur Hawkins, Ralph H. Hodgson, Richard A. Hopkins, Roger James Howell, David B. Jones, Hugh Jones, Hugh Henry Jones, Sr., Michael A. Kearney, Kenneth C. Lee, Samuel J. Maxwell, John Mitchell, William A. Morgan, Albert Alvin Pilgret, Archibald Ramage, Edward Struck, John Henry Tyrrell, David Francis Walters, James York, Walter G. Young.

ASSISTANT MINE FOREMEN

Alex Alexis, J. Paul Armstrong, Peter Baker, Thomas M. Beaney, William John Breeze, Jr., Arthur Davies, John B. Davis, William Daniel Davis, Gordon S. Dietterick, John Joseph Delaney, John Joseph Dunnigan, Clarence Henry Edwards, Frank M. Elliott, Emmett

Evans, Andrew Theodore Fetch, Michael J. Franklin, Adam Fugmann, David G. George, Elvan Green, John Griffiths, James Harkness, Clifford Hay, Francis Anthony Healey, Julius Household, William Brinley Jenkins, Edward Thomas Jones, Howard Jones, Joseph Leonard Karabon, John Patrick Kearney, John Kielty, George Kosick, Joseph A. Krall, Mike Krasnavage, Anthony S. Kucharski, John Lacek, Herbert Lapworth, Joseph Lewis, Peter Likis, Stanley P. Linski, John J. Losnick, Jerimiah John Mack, Patrick Aloysis Mackin, Michael Joseph McCarthy, Edward L. McElligott, Patrick J. McNulty, Charles Miscavage, Joseph B. Nichols, John Novitsky, Walter Obitz, James William Parkinson, Joseph B. Parra, Thomas M. Phillips, Benjamin George Rakowski, George Reagan, William George Reed, Thomas Richards, Jay H. Roberts, Phillip Rogalski, John Andrew Sarnak, William Stanley Savitski, James Sayes, James A. Scott, Edward Segaritis, Charles G. Seigel, John J. Selinsky, Stephen Shymansky, George J. Smith, Teofil Stefanonig, Edward Stermer, Joseph Swift, Thomas J. Vaxmonsky, Joseph Ward, Joseph Edward Ward, Walter Charles Weed, Howard L. West, John J. Williams, James B. Willis, Thomas R. Wynn, Stephen Yuskanic, Frank Zawatsky.

MOUNT CARMEL *JAMES QUIGLEY, MINE INSPECTOR, 22nd DISTRICT*

MINE FOREMEN

Roman C. Berkoski, Thomas M. Brophy, Patrick Henry Burke, Thomas John Cannon, Walter Davis, Charles Lester Duncheskie, Charles Henry Fertig, James P. Glennon, Edward A. Gough, Goodwin Noah Hower, James John Keating, Harry Klassen, James M. Manney, George Bernard McFadden, William F. Ramsey, Michael I. Reilly, William Roberts, James Joseph Rooney, Harry Dewey Schminky, Charles Franklin Snyder, Daniel Anthony Spadel, Albert William Townsend, Thomas Edward Wolfgang.

ASSISTANT MINE FOREMEN

William Bergan, Benjamin Berkoski, Walter Bolon, Thomas Bradley, Robert H. Caton, Harry J. Chowansky, Roy Milton Clews, Edward Curran, Roy Andrew Dillman, Joseph Adam Draboris, Victor J. Drasdis, Michael Durovick, Jr., James Simon Gregory, Joseph Gritzer, Andrew Hasara, Charles Hendricks, William George Henninger, David Hopkins, Grant Hornberger, James Kane, Anthony Kazmierczak, Neal J. Kerico, Thomas Leary, Victor Lobichusky, Ralph D. Long, Edward Luke, John Francis Madden, Lawrence Vincent Madden, Francis Stewart Madiera, Thomas Matalavage, John P. McDonald, James J. McDonnell, William McFadden, Jr., John Michael McHale, Theodore Meloditz, Raymond Meredith, John Meluskie, August Sylvester Metzinger, Harry Miller, Harry Eugene Ney, Joseph Norasavage, Charles O'Brien, Nelson R. Palmer, Andrew Panko, Walter Patton, Albert M. Petskus, Frank Ponto, John Patrick Quigley, George Quinton, Sr., Frank J. Radzai, Anthony Rakoski, Lewis George Reiff, Jerome Roman Roginski, Joseph F. Rydzeski, Charles Schrako, Andrew J. Sherry, Joseph Shukdinas, Charles Daniel St. Clair, Pearl J. Stearns, Michael Stewart, Lawrence G. Weller, William G. Wertman, John Yackamovitch, Barney Andrew Yuscalis, Andrew Zelez, George Zelez, Steve Zelez.

NANTICOKE *FRANK KETTLE, MINE INSPECTOR, 13th DISTRICT*

MINE FOREMEN

Samuel James Baldwin, Frank Beeunas, Joseph Brunski, Thomas Davison, John Dixon, William H. Farr, George Howell, Anthony Jarmusik, Stanley P. Jones, Thomas W. Jones, Anthony F. Kane, Patrick McLane, Harry S. Miller, Martin J. Mondry, Joseph Nicholson, Bruce W. Ogan, Harold W. Parks, Edward Pechulis, Frank J. Pleban, Edward Richards, William John Richards, James F. Riordan, Ivor L. Williams, Carl Webster Young, John James Zimmerman.

ASSISTANT MINE FOREMEN

John Stanley Adamczyk, Anthony A. Augustine, Frank W. Borman, Thomas Bowditch, Stanley Dudek, Sr., John V. Evan, Abel Evans, Edward Fine, William G. Fine, Arthur Gale, Patrick A. Ginley, Alvin Harry, William J. Harvey, Ernest Hayes, Evan Jones, Paul Jones, Edward James Kane, Sylvester Kolakoski, Edward Komoroski, Frank Lehman, Cornelious Joseph Mack, John Toole Mack, Philip C. McCall, Dominick Mecadon, John Morack, Steve William Motiska, Michael Leo Nash, Anthony Nork, Frank Nork, Clarence Ogan, Earl W. Pickett, James Joseph Reddington, Charles Joseph Sabolski, Frank Sherkus, Steve Skordinski, Thomas J. Tracey, Herbert William Traher, John Joseph Trisko, Harry O. Wandell, George J. Zapotocky, Stanley Zionkowski, Joseph M. Zubris.

POTTSVILLE *CHARLES G. FROMME, MINE INSPECTOR, 19th DISTRICT*

MINE FOREMEN

Howard W. Adams, Michael Birosh, Oscar A. Bixler, John Joseph Breslin, Elmer H. Coleman, James Thomas Daley, John D. Daley, Charles E. Deichert, Ralph A. Ditzler, Milton Andrew Dutter, Harry Roland Gay, Joseph Gleason, Walter H. Gordon, Thomas Griffiths, James Francis Haley, William J. Haney, Wilbur Leroy Kauffman, Joseph C. Klouser, Monroe Kohr, Edward C. Kopp, George A. Malick, John J. Malick, William E. Murton, Francis O'Connor, Joseph A. Pogera, Charles G. Roos, Roy E. Seiger, Louis C. Shelcoskie, George H. Shutt, Leon Cameron Spatzer, Raymond A. Tracey, George J. Wahl, David John Warfield.

ASSISTANT MINE FOREMEN

Charles J. Bobarsky, Allen Raymond Bohr, Rankin Bohr, Delroy C. Covany, Peter L. Czepukaitis, Malcolm L. Davis, Joseph DeCesare, Paul L. English, Thomas J. Farrell, Kyran J. Flaherty, Henry Edward Frenzel, Edward F. Jones, George R. Jones, Henry Jacob Kinsinger, P. Vincent Kinsinger, Harvey F. Lutz, Edward H. Maher, Ray Martz, Anthony J. Maxtutis, Cornelius W. McElhenny, Jacob A. Miller, John A. Penna, Michael Rattie, Harry H. Reed, Frank A. Romberger, Thomas M. Rowan, Harry J. Ruddy, Howard John Sausser, Ralph L. Schminky, Isaac A. Seiler, LeRoy Amos Sembach, Michael A. Shields, Russell H. Shomper, George J. Snyder, Edward Stech, Paul D. Swope, William Rufus Thomas, Anthony J. Walitus, Joseph S. Walker.

SCRANTON *AUGUSTUS McDADE, MINE INSPECTOR, 4th DISTRICT*

MINE FOREMEN

Robert E. Abbott, David Carl Abernethy, Horatio Fellows Acker, John E. Acornley, Raymond H. Arner, Lawrence William Ash, Ambrose Paulus Ball, Ernest L. Besecker, Frank T. Boylan, Daniel A. Brady, Joseph Matthew Burchesky, Andrew A. Burke, John F. Burke, John Calvert, John Buchanan Campbell, Elmer E. Carey, William Carney, Daniel A. Casey, Michael Clark, John J. Clarke, Alfred Clarkson, James Joseph Coolican, Frank A. Cummings, Walter E. Dakin, Richard John Davies, Thomas Edward Davies, William T. Davis, Sheldon John Decker, John J. Demolick, John Devlin, William F. Dougher, William J. Dougher, Archie Raymond Eshelman, David J. Evans, William F. Evans, Gerald Thomas Fallon, Albert Floyd, John Galick, Francis J. Gallagher, John Garrett, William Joseph Gavigan, Martin Joseph Glynn, Thomas Joseph Gordon, Joseph Grant, Robert Groves, Bart G. Gusinski, Thomas Hanahoe, Patrick A. Harkins, Alexander Harris, Joseph Anthony Hart, James F. Haskins, William Hasely, Joseph T. Hayden, John Hine, Roger Anthony Hines, Jack Hodgson, William Hunter, Henry R. Jenkin, John Wilkins Jones, Jr., Stanley Peter Kaboskie, Ferdinand Karis, Joseph Kelley, William J. Kelley, Zeno Nichol Kent, Evan Kinsey, Thomas Haines Kirk, John Francis Kosik, Charles Koval, Alexander Roman Laskosky, Floyd Lewis, Thomas L. Loftus, James P. Long, Joseph Loskosky, Hugh MacDerment, Henry Thomas Mang, James Mascelli, Ellsworth Matthews, Francis McHale, William Millar, Charles J. Miller, Walter A. Moran, Henry Cornelius Morcom, Joseph Morgan, Francis Mullen, James Patrick Murphy, Jason Eugene Niemeyer, Edward G. Noldy, Hugo C. Nyquist, Russell Owens, Joseph Oxley, Thomas F. Powell, David Daniel Protheroe, Joseph Thomas Puchaty, Stanley L. Puchaty, Jr., Martin Quinn, Frank Patrick Reilly, Arthur Renfer, Rudolph Andrew Renko, Earl Reynolds, Albert Robinson, John George Rotherforth, William Rowley, John T. Ruane, Anthony George Ruddy, Joseph J. Shedlock, Joseph C. Shovlin, Francis Thomas Siefring, Joseph Sieroski, Vincent Simmen, Sanford Sockoloski, Harold J. Somers, Charles Stramski, Frank Howard Sturges, Thomas Sullivan, Harry Thomas, Earl W. Tompkins, John Totten, John Treloare, Ralph L. VanHorn, Joseph A. Walsh, Earl G. Watkins, Harold B. Watkins, James Moffatt Weir, Frank Weitz, Chancy Welter, John M. Williams, John S. Williams, Alexander Wilson, Hugh MacLean Withers.

ASSISTANT MINE FOREMEN

John T. Ager, Michael Brennan, Bartholomew Patrick Cawley, Arthur Charlesworth, Alexander Chelik, John Joseph Chimahusky, Thomas D. Clement, Thomas Francis Collins, Peter Comerota, John Joseph Coultry, Charles Alfred Decker, John Eustice, Byron Evans, John P. Green, Richard Joseph Hughes, William Hughes, Joseph Husosky, Clarence B. Kellaway, Joseph Patrick Myers, Alfred C. Pavilonis, John Pollick, Charles T. Reilly.

1. ACCIDENTS

A—Causes of Fatal Accidents, by Counties, 1929

Causes	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Susquehanna	Total
Inside									
Falls of coal at face	3		1		7	1	4		16
Falls of coal at pillar work			1	4	11		7		23
Falls of coal on gangway					6		1		7
Falls of coal in chamber					3		5		8
Falls of coal in heading							2		2
Falls of slate at face			1	2	7	2	2		14
Falls of slate in chamber					3	1	3		7
Falls of slate on gangway					5				5
Falls of rock at face			1	24	32	2	12		71
Falls of rock at pillar work				28	22	3	3		56
Falls of rock on gangway			1	5	10	1	3		20
Falls of rock in heading					1				1
Falls of rock in chamber				9	9		1	1	20
Falls of rock on slope					1		1		2
Falls of rock in cross-cut				1	1				2
Cars on gangway or tunnel			3	11	20	2	10		46
Cars in chamber				4	2		1		6
Cars on plane				2	4				5
Cars on slope			2	2	3	1	4		12
Explosions of gas at face				2	3				5
Explosions of gas on gangway					1				1
Explosions of gas in chute					4	1	2		8
Explosions of gas in chamber	1				2				2
Explosions of gas in old workings						3	1		7
Suffocated by gas			3		3	2	2		8
Explosions of powder and dynamite		1			17	3	2		34
Blasts, premature and otherwise	1			11			1		1
Suffocated by powder smoke									

Falling down shaft			1	2	6	1	1		11
Objects falling down shaft					1				1
Caught by cage, bottom of shaft							1		1
Fall of person			1		2		4	1	8
Electricity on gangway			1	1	2				4
Electricity in chamber					1				1
Electricity on slope					1				1
Rush of coal in chute					2		5		7
Crushed at battery			1				1		2
Animals							2		2
Caught by rope of hoist				1					1
Caught by compressor					1				1
Caught by rock, barring down					1				1
Caught finger, loading car							1		1
Struck by timber, lever, etc.		1			2	1			4
Struck by rock that slid from gob					2		1		3
Sprain, loading rails					1				1
Scalded by steam from pipe that burst					1				1
Total	5	2	17	113	200	24	83	2	446
Outside									
Mine cars				2	4	1	1		8
Railroad cars					3	1			4
Machinery				3	2		2		7
Electricity, power line	1						3		4
Electricity, boiler house					1				1
Suffocated in chute in breaker				1					1
Fell from roof, platform					2				2
Fell, stepping from car							1		1
Struck by prop				1					1
Struck by post						1			1
Guy rope broke				1					1
Caught by rail					1				1
Scalded by steam					1	1			2
Blast, stripping					1				1
Burned by gasoline					1				1
Drowned in slush chute							1		1
Total	1			8	16	4	8		37
Grand total	6	2	17	121	216	28	91	2	483
Percentage	1.24	.41	3.52	25.05	44.72	5.80	18.84	.42	100.00

A—Causes of Fatal Accidents, by Counties, 1930

Causes	Carbon	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Susquehanna	Wayne	Total
Inside									
Falls of coal at face	2	2	3	14	3	8			32
Falls of coal at pillar work		1	5	9		4			19
Falls of coal on gangway						2			2
Falls of coal in chamber			4			1			5
Falls of coal in heading						1			1
Falls of slate at face			1	4		8			13
Falls of slate in chamber						1			1
Falls of slate on gangway						1			1
Falls of slate at pillar			3	1		4			8
Falls of roof at face			16	25	6	4		2	53
Falls of roof at pillar work			29	10	7	1		1	48
Falls of roof on gangway	2		5	14	2	7			30
Falls of roof in chamber			3	6					9
Falls of roof on slope				1		10			11
Falls of roof in cross-cut			1						1
Cars on gangway or tunnel			6	7	2	10			25
Cars in chamber			2						2
Cars on plane				2					2
Cars on slope		2		4		3			9
Explosions of gas at face						5			5
Explosions of gas on gangway				10		8			18
Explosions of gas in chute	1					1			2
Explosions of gas in chamber				5		7			12
Suffocated by gas	1		1	3	1	5			11
Explosions of powder and dynamite			1	1		2			4
Blasts, premature and otherwise	4		15	15	3	5			42
Thrown off cage, bottom of shaft					1				1
Fall of person			1	5		1			7

Electricity on gangway			2	3	1	1			7
Rush of coal at battery						5			5
Animals				2					2
Caught by rope and engine drum						1			1
Cut by axe, making wedge						1			1
Knocked down rock hole						1			1
Rush of coal from chute						1			1
Struck by clevis of rope							1		1
Struck by coal that fell from car			1			1			2
Struck by coal barred from top						1			1
Struck by dislodged timber			1	2					3
Struck by rail			1						1
Struck by crank shaft of electric pump				1					1
Struck by steam valve that blew off				1					1
Suffocated by rush of coal				2					2
Total	10	5	101	147	26	111	1	3	404
Outside									
Mine cars	1		1	2	1	3			8
Railroad cars			1	3		1			5
Machinery			1	3		2			6
Electricity			1	4	1	2			8
Burned in boiler house			1	1					2
Caught by slide of clay, stripping			1						1
Explosion of dynamite, stripping						1			1
Fell from platform				3		1			4
Fell in breaker						1			1
Fell from pole stringing line						1			1
Struck by coal from loaded car					1				1
Struck by block of concrete				1					1
Suffocated in hopper			1						1
Total	1		7	17	3	12			40
Grand total	11	5	108	164	29	123	1	3	444
Percentage	2.48	1.13	24.32	36.94	6.53	27.70	.22	.68	100.00

B—Accidents in Which Five or More Persons Were Killed, 1847-1930

Date		Name of colliery	Location of colliery	Cause of accident	Killed
1847	Feb.	Spencer	Pottsville	Explosion of gas	7
1869	Sept. 6	Avondale	Plymouth	Mine fire	110
1870	March 22	Potts	Locust Dale	Boiler explosion	5
	Aug. 10	Heins and Glassmire	Middleport	Cage falling down shaft	9
	Aug. 29	Preston No. 3	Girardville	Car falling down slope	7
1871	May 27	West Pittston	West Pittston	Suffocation by smoke from burning breaker	20
	Oct. 2	Otto Red Ash	Branch Dale	Explosion of gas	5
1873	June 10	Henry Clay	Shamokin	Explosion of gas	10
1877	May 9	Wadesville	Wadesville	Explosion of gas	7
1878	Jan. 15	Potts	Locust Dale	Explosion of gas	5
1879	May 6	Audenried	Audenried	Explosion of gas	6
	Nov. 2	Mill Creek	Mill Creek	Explosion of gas	5
1880	May 3	Lykens Valley	Shamokin	Explosion of gas	5
1882	May 24	Kohinoor	Shenandoah	Explosion of gas	5
1884	Aug. 21	Buck Ridge	Shamokin	Mine fire	7
1885	April 6	Cuyler	Raven Run	Fall of roof	10
	Aug. 11	West End	Mocanaqua	Suffocation by gas from boiler fire	10
	Oct. 21	Plymouth No. 2	Plymouth	Explosion of gas	6
	Dec. 18	Nanticoke No. 1	Nanticoke	Inrush of quicksand	26
1886	Aug. 30	Fair Lawn	Scranton	Explosion of gas	6
	Sept. 13	Marvine	Scranton	Suffocation by gas	8
	Nov. 26	Conyngham	Wilkes-Barre	Explosion of gas	12
1887	April 27	Tunnel	Ashland	Suffocation by gas	5
	Oct. 1	Bast	Big Mine Run	Explosion of gas	5
1889	May 9	Kaska William	Middleport	Car falling on cage in shaft	10
1890	Feb. 1	Nottingham	Plymouth	Explosion of gas	8
	March 3	South Wilkes-Barre No. 3	Wilkes-Barre	Explosion of gas	8
	April 2	Susquehanna No. 4	Nanticoke	Explosion of gas	5
	May 15	Jersey No. 8	Ashley	Explosion of gas	26
1891	Feb. 4	Spring Mountain No. 1	Jeanesville	Drowned by water from old workings	13
	Oct. 23	Richardson	Glen Carbon	Suffocation by gas	7
	Nov. 8	Susquehanna No. 1	Nanticoke	Explosion of gas	12
1892	April 20	Lytle	Minersville	Drowned by water from old workings	10
	July 23	York Farm	Pottsville	Explosion of gas	15
1893	April 1	Neilson	Shamokin	Mine fire	10
	June 22	Susquehanna No. 1	Nanticoke	Explosion of gas	5
	Sept. 21	Lance No. 11	Plymouth	Explosion of gas	6
1894	Feb. 13	Gaylord	Plymouth	Fall of roof	13
	July 17	East Sugar Loaf	Stockton	Explosion of powder and dynamite	8
	Oct. 8	Luke Fidler	Shamokin	Mine fire	5
	Oct. 11	Henry Clay	Shamokin	Boiler explosion	6
1895	Feb. 18	West Bear Ridge	Mahanoy Plane	Explosion of gas	5
	Oct. 7	Dorrance	Wilkes-Barre	Explosion of gas	7
1896	June 28	Twin	Pittston	Fall of roof	58
	Oct. 29	South Wilkes-Barre No. 3	Wilkes-Barre	Explosion of gas	6
1897	Jan. 13	Wadesville	Wadesville	Crosshead falling down shaft	5
	Sept. 28	Jermyn No. 1	Rendham	Mine fire	5
	Oct. 30	Von Storch	Scranton	Mine fire	6
1898	May 26	Kaska William	Middleport	Drowned by water from old workings	6
	Oct. 1	Midvale	Wilkes-Barre	Mine fire	5
	Nov. 5	Exeter	West Pittston	Car falling on cage in shaft	9
1900	Nov. 9	Buck Mountain	Mahanoy City	Explosion of gas	7
1901	Oct. 25	Buttonwood	Plymouth	Explosion of gas	6
1902	Nov. 29	Luke Fidler	Shamokin	Explosion of gas	7
	Dec. 9	South Wilkes-Barre	Wilkes-Barre	Explosion of powder and dynamite	5
1904	Jan. 30	Maple Hill	Mahanoy City	Explosion of powder and dynamite	5
	May 5	Lance	Plymouth	Explosion of powder and dynamite	5
	May 5	Locust Gap	Locust Gap	Mine fire	5
	May 25	Williamstown	Williamstown	Suffocation by gas from mine locomotive	10
	Nov. 2	Auchincloss	Nanticoke	Falling down shaft	10
1905	Feb. 18	Lytle	Minersville	Fall of roof	5
	March 9	Clear Spring	West Pittston	Falling down shaft	7
	April 26	Conyngham	Wilkes-Barre	Falling down shaft	10
1906	May 15	Shenandoah City	Shenandoah	Explosion of powder and dynamite	7
	Aug. 6	Susquehanna No. 7	Nanticoke	Explosion of gas	6
1907	March 2	Holden	Taylor	Explosion of gas	7

B—Accidents in Which Five or More Persons Were Killed, 1847-1930—Continued

Date			Name of colliery	Location of colliery	Cause of accident	Killed
	June	18	Johnson No. 1	Priceburg	Explosion of gas	7
1908	May	12	Mount Lookout	Wyoming	Explosion of gas	12
	May	13	Prospect	Midvale	Fall of roof	5
	July	15	Williamstown	Williamstown	Explosion of powder and dynamite	6
	Aug.	28	Warrior Run	Wilkes-Barre	Mine cars	6
1909	March	2	Pennsylvania No. 14	Pittston	Explosion of gas	8
	Nov.	9	Auchincloss	Nanticoke	Mine fire	9
1910	Jan.	11	Nottingham	Plymouth	Explosion of gas	7
	March	12	South Wilkes-Barre No. 5	Wilkes-Barre	Explosion of gas	7
1911	April	7	Pancoast	Throop	Mine fire	72
	May	27	Cameron	Shamokin	Explosion of gas	5
	Sept.	14	Marvine	Scranton	Mine cars	5
	Oct.	3	Drifton No. 2	Freeland	Cave-in	5
1912	Jan.	9	Parrish	Plymouth	Explosion of gas	6
1913	Aug.	2	East Brookside	Tower City	Explosion of gas	20
1914	May	29	Maryd	Maryd	Overwinding of cage	6
	Sept.	16	Lehigh No. 4	Lansford	Explosion of gas	7
	Dec.	9	Diamond	Scranton	Falling down shaft	13
1915	Feb.	17	Prospect	Wilkes-Barre	Explosion of gas	13
1916	Feb.	8	Lance No. 11	Plymouth	Explosion of gas	7
	March	9	Hollenback No. 2	Wilkes-Barre	Explosion of gas	6
	Aug.	8	Woodward	Edwardsville	Explosion of gas	6
1919	June	5	Baltimore No. 5 (Baltimore Tunnel)	Wilkes-Barre	Explosion of powder and dynamite	92
	July	8	Lansford	Lansford	Explosion of gas	8
1921	March	9	Rahn	Seek	Explosion of gas	5
1922	Nov.	3	Eddy Creek	Scranton	Premature explosion of blast	6
1923	Feb.	21	Alliance	Middleport	Explosion of gas	5
	June	26	Richards	Mount Carmel	Explosion of gas	5
	Dec.	8	Mount Jessup No. 2	Jessup	Fall of roof	5
1924	June	6	Loomis	Nanticoke	Explosion of gas	14
1925	May	22	Woodward	Edwardsville	Explosion of gas	7
	Aug.	3	Dorrance	Wilkes-Barre	Explosion of gas	10
1926	May	6	Randolph	Port Carbon	Explosion of gas	5
	July	3	Pettebone	Kingston	Explosion of gas	7
	Oct.	30	Susquehanna No. 7	Nanticoke	Explosion of gas	9
1927	May	26	Woodward	Edwardsville	Fall of roof, followed by explosion of gas	7
1928	May	25	Baltimore No. 5	Wilkes-Barre	Explosion of gas	10
1930	Aug.	8	Gilberton	Gilberton	Fall of roof	8

C—Occupations of Persons Fatally Injured, by Counties, 1929

Occupations	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Susquehanna	Total	Percentage
Inside										
Mine foremen					2		1		3	.67
Assistant mine foremen				1	3	1	1		6	1.35
Fire bosses					3				3	.67
Miners	5	1	7	57	101	18	55	1	245	54.93
Miners' laborers			3	30	58	1	6		98	21.97
Machine runners and scrapers			1						1	.23
Motormen			1	2	2		1		6	1.35
Motormen's assistants				3	8		2	1	14	3.14
Drivers and runners			1	2	6	1	6		16	3.59
Trackmen				2	4	1	2		9	2.02
Bratticemen					3				3	.67
Timbermen and rockmen			1	1			1		3	.67
Pumpmen and pipemen			1	1	1		1		4	.90
Electricians				1					1	.22
Doorboys				1	2				3	.67
All other employes		1	2	12	7	2	7		31	6.95
Total	5	2	17	113	200	24	83	2	446	
Percentage	1.12	.45	3.81	25.34	44.84	5.38	18.61	.45		100.00
Outside										
Superintendents				1					1	2.70
Foremen					1				1	2.70
Carpenters				1	1	1			3	8.11
Engineers and firemen				1	2				3	8.11
Slatepickers (boys)					1		1		2	5.41
Slatepickers (men)					1				1	2.70

All other employes	1			5	10	3	7		26	70.27
Total	1			8	16	4	8		37	
Percentage	2.70			21.62	43.25	10.81	21.62			100.00
Grand total	6	2	17	121	216	28	91	2	483	

C—Occupations of Persons Fatally Injured, by Counties, 1930

Occupations	Carbon	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Susquehanna	Wayne	Total	Percentage
Inside										
Mine foremen										
Assistant mine foremen				1		3			4	.99
Fire bosses						2			2	.50
Miners	7	3	48	74	19	69	1	2	223	55.20
Miners' laborers			44	49	2	10		1	106	26.24
Machine runners and scrapers										
Motormen			1			1			2	.50
Motormen's assistants	1		2		1	2			6	1.48
Drivers and runners				4		2			6	1.48
Trackmen				1		8			9	2.23
Bratticemen				1					1	.25
Timbermen and rockmen			3	2	1	4			10	2.47
Pumpmen and pipemen				1					1	.25
Electricians										
Doorboys			2			1			3	.74
All other employes	2	2	1	14	3	9			31	7.67
Total	10	5	101	147	26	111	1	3	404	
Percentage	2.47	1.24	25.00	36.39	6.43	27.48	.25	.74		100.00
Outside										
Superintendents										
Foremen				2					2	5.00
Carpenters				1		2			3	7.50
Engineers and firemen					2	2			4	10.00
Trackmen			1						1	2.50

Slatepickers (boys)			1						1	2.50
All other employes	1		6	14	1	3			29	72.50
Total	1		7	17	3	12			40	
Percentage	2.50		17.50	42.50	7.50	30.00				100.00
Grand total	11	5	108	164	29	123	1	3	444	

D—Nationality of Persons Fatally Injured, by Counties, 1929

Nationality	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Susquehanna	Total	Percentage
Inside										
American	1	2	17	40	64	13	39		176	39.46
Austrian	1			7	7	4	11	2	32	7.17
Canadian					1				1	.22
English				3	2				5	1.12
Finnish					1				1	.22
German				1	2		1		4	.90
Hungarian	1								1	.23
Irish				3	3		2		8	1.79
Italian				17	18		3		38	8.52
Lithuanian	1			3	22		9		35	7.85
Magyar					1				1	.22
Polish				21	49	4	11		85	19.06
Portuguese				3					3	.67
Russian	1			3	7	2	2		15	3.36
Scotch				1					1	.23
Slavonian				4	10	1	3		18	4.04
Spaniard				2	2		1		5	1.12
Swedish					1				1	.23
Ukrainian				1	1				2	.45
Welsh				4	9		1		14	3.14
Total	5	2	17	113	200	24	83	2	446	
Percentage	1.12	.45	3.81	25.34	44.84	5.38	18.61	.45		100.00

Outside										
American	1			6	11	3	7		28	75.68
Austrian					1				1	2.70
French					1				1	2.70
Italian				1	1				2	5.41
Lithuanian							1		1	2.70
Polish				1					1	2.70
Slavonian					2				2	5.41
Tyrolean						1			1	2.70
Total	1			8	16	4	8		37	
Percentage	2.70			21.62	43.25	10.81	21.62			100.00
Grand total	6	2	17	121	216	28	91	2	483	

D—Nationality of Persons Fatally Injured by Counties, 1930

Nationality	Carbon	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Susquehanna	Wayne	Total	Percentage
Inside										
American	3		30	46	13	50			144	35.64
Austrian	2		5	2	1	8	1		19	4.70
English			1	4					5	1.23
German			1	1		1			3	.74
Greek				1					1	.25
Hungarian						3			3	.74
Irish				2					2	.50
Italian	2		15	13	4	8			42	10.40
Lithuanian		2	8	19	1	18			48	11.88
Polish			29	39	6	8			82	20.30
Russian	3	1	4	11	1	5		1	26	6.44
Slavonian			1	3		6		2	12	2.97
Spaniard			4	1		2			7	1.73
Swedish				1					1	.25
Tyrolean						1			1	.25
Ukrainian				1					1	.25
Welsh			3	3		1			7	1.73
Total	10	5	101	147	26	111	1	3	404	
Percentage	2.47	1.24	25.00	36.38	6.44	27.48	.25	.74		100.00

Outside										
American			4	15	3	12			34	85.00
German				1					1	2.50
Italian	1								1	2.50
Polish			1	1					2	5.00
Slavonian			2						2	5.00
Total	1		7	17	3	12			40	
Percentage	2.50		17.50	42.50	7.50	30.00				100.00
Grand total	11	5	108	164	29	123	1	3	444	

E—Nationality of Employes and Number Killed, 1929-1930

Nationality	1929							1930						
	Employes			Fatalities				Employes			Fatalities			
	Inside	Outside	Total	Falls	Total inside	Total outside	Total inside and outside	Inside	Outside	Total	Falls	Total inside	Total outside	Total inside and outside
American	54,257	25,829	80,086	82	176	28	204	55,207	24,704	79,911	67	144	34	178
Austrian	3,618	1,222	4,840	14	32	1	33	3,749	995	4,744	10	19	-------	19
Belgian	30	12	42	-------	-------	-------	-------	14	2	16	-------	-------	-------	-------
Bohemian	38	5	43	-------	-------	-------	-------	28	9	37	-------	-------	-------	-------
Canadian	55	8	63	1	1	-------	1	65	5	70	-------	-------	-------	-------
Chilean	9	-------	9	-------	-------	-------	-------	6	-------	6	-------	-------	-------	-------
Croatian	31	1	32	-------	-------	-------	-------	36	2	38	-------	-------	-------	-------
Danish	32	4	36	-------	-------	-------	-------	16	5	21	-------	-------	-------	-------
English	1,945	405	2,350	3	5	-------	5	1,875	403	2,278	5	5	-------	5
Finnish	19	-------	19	1	1	-------	1	7	-------	7	-------	-------	-------	-------
French	20	4	24	-------	-------	1	1	23	4	27	-------	-------	-------	-------
German	1,349	380	1,729	3	4	-------	4	1,420	374	1,794	3	3	1	4
Greek	584	249	833	-------	-------	-------	-------	450	120	570	-------	1	-------	1
Horwat	74	5	79	-------	-------	-------	-------	72	-------	72	-------	-------	-------	-------
Hungarian	906	206	1,112	1	1	-------	1	979	141	1,120	3	3	-------	3
Irish	1,693	537	2,230	5	8	-------	8	1,648	474	2,122	1	2	-------	2
Italian	8,687	1,799	10,486	26	38	2	40	8,411	1,614	10,025	23	42	1	43
Lithuanian	9,084	328	9,412	18	35	1	36	9,011	319	9,330	30	48	-------	48
Magyar	4	-------	4	1	1	-------	1	-------	-------	-------	-------	-------	-------	-------
Mexican	19	-------	19	-------	-------	-------	-------	26	1	27	-------	-------	-------	-------
Montenegrin	63	3	66	-------	-------	-------	-------	99	-------	99	-------	-------	-------	-------
Polish	19,258	1,142	20,400	61	85	1	86	18,908	1,044	19,952	58	82	2	84
Portuguese	123	2	125	3	3	-------	3	134	1	135	-------	-------	-------	-------
Russian	5,517	837	6,354	11	15	-------	15	5,676	703	6,379	15	26	-------	26
Scotch	640	96	736	-------	1	-------	1	718	79	797	-------	-------	-------	-------
Servian	-------	-------	-------	-------	-------	-------	-------	36	1	37	-------	-------	-------	-------
Slavonian	6,760	917	7,677	13	18	2	20	6,510	915	7,425	6	12	2	14
Spanish	536	2	538	4	5	-------	5	427	5	432	6	7	-------	7
Swedish	249	42	291	-------	1	-------	1	105	38	143	1	1	-------	1
Syrian	30	39	69	-------	-------	-------	-------	48	30	78	-------	-------	-------	-------

| | | |

F—Operators Having Fatalities, 1929

	Causes of fatalities inside						Causes of fatalities outside					Fatalities inside and outside	Fatalities inside and outside per 1,000,000 man-days	Fatalities inside and outside per 1,000,000 tons produced	Production per fatality (net tons)
	Falls	Cars	Gas	Electricity	Miscellaneous	Total	Cars	Machinery	Electricity	Miscellaneous	Total				
Alden Coal Co.	1	1				2		1			1	3	14.95	7.52	132,954
Barry Coal Co.							1			1	2	2	150.61	313.77	3,187
Beardslee & Lewis Coal Co.	1					1						1	108.64	55.34	18,071
Black Heath Coal Co.	1					1						1	148.28	55.88	17,896
Buck Mountain Coal Mining Co.	1					1						1	18.96	5.96	167,776
Buck Run Coal Co.	2					2			1	1	2	4	23.31	10.26	97,428
John Conlon Coal Co.	1					1						1	10.80	5.67	176,487
Colonial Colliery Co.							1			2	3	**3**	**9.27**	**3.73**	**268,074**
Coxe Bros. & Co., Inc.	2				1	3						3	4.38	1.86	537,590
East Bear Ridge Colliery Co.	1					1						1	9.71	4.34	230,406
Fox Hill Mining Co.					1	1						1	79.68	33.22	30,106
Frackville Coal Co.		1				1						1	32.30	12.31	81,258
Glen Alden Coal Co.	42	6	7		7	c2		2		5	7	69	13.25	7.16	139,627
Green Ridge Coal Co.	1					1						1	28.40	14.81	67,502
Haddock Mining Co.	3			1	1	5						5	17.52	7.39	135,253
Harleigh-Brookwood Coal Co.	1		1			2		1			1	3	18.45	8.88	112,653
Hazle Brook Coal Co.	1	1				2	1				1	3	9.51	2.83	352,756
Hillman Colliery Co.			1			1						1	66.10	29.27	34,160
Hillside Coal & Iron Co.	4	1				5						5	16.31	8.38	119,330
Hudson Coal Co.	28	14	1		7	50				1	1	51	13.53	6.28	159,248
Jeddo-Highland Coal Co.	6	1		1	1	9	1	1		1	3	12	17.86	8.27	120,916
Jermyn, Estate of Joseph J.								1			1	1	6.32	2.92	342,956
Kingston Coal Co.		1				1						1	2.41	1.38	723,518
Langeliffe Collieries, Inc.	**1**	**1**				**2**						2	27.27	11.55	86,570
Lavelle Coal Co.					2	2						2	173.37	56.33	17,753
Lehigh Coal & Navigation Co.	5	2	1		5	13	1				1	14	8.07	3.52	284,203
Lehigh Valley Coal Co.	28	6	3		15	52	2		2		4	56	20.36	8.85	112,999
Lehigh & Wilkes-Barre Coal Co.	16	7	4		5	32						32	12.31	6.03	165,726
Locust Mountain Coal Co.	2					2			1		1	3	17.04	7.99	125,136
Lytle Coal Co.	3		1			4						4	17.06	7.79	128,450
Meadowside Coal Co.	1					1						1	57.60	33.35	29,985
Mid-City Coal Co.	1					1						1	20.81	10.30	97,120
Mill Creek Coal Co.					1	1			1		1	2	12.50	4.89	204,521
Moffat Coal Co.	2					2						2	62.78	37.42	26,724
Northumberland Mining Co.	2	1				3						3	14.16	6.88	145,408

Pardee Bros. & Co., Inc.	2					2						2	8.64	3.86	259,067
Pennsylvania Coal Co.	28	3		1	8	40				1	1	41	16.10	7.78	128,478
Phila. & Reading Coal & Iron Co.	18	6	6		9	39	1				1	40	9.16	4.35	229,833
Pine Hill Coal Co.	4				1	5		1		1	2	7	17.05	8.18	122,186
Pittston Coal Mining Co.					1	1						1	34.01	18.37	54,429
Price-Pancoast Coal Co.	1					1						1	8.26	3.66	272,887
Raub Coal Co.					1	1						1	13.88	7.67	130,393
Reppler Coal Co.	1		1		2	4						4	35.84	13.62	73,420
Saint Clair Coal Co.	2				1	3						3	20.20	8.12	123,681
Scranton Anthracite Coal Co.	2					2						2	56.98	25.86	37,175
Scranton Coal Co.	5	4		1	3	13	1				1	14	16.60	11.01	90,866
Seymour Coal Co.	2					2						2	28.38	14.27	70,101
Sherman Coal Corp.	1				1	2						2	32.05	11.58	86,372
South Penn Collieries Co.	4				2	6						6	11.97	5.74	174,095
Spencer Coal Co.	1					1						1	20.03	13.25	75,459
Susquehanna Collieries Co.	10	5	9	2	11	43					1	44	19.35	10.34	96,758
Temple Coal Co.	5	2				7	1				1	8	19.88	10.22	97,890
West End Coal Co.	4				2	6	1				1	7	37.94	18.41	54,324
Wolf Collieries Co., Inc.	1					1						1	60.40	22.06	45,338
Totals for Region	254	63	35	6	88	446	12	7	5	13	37	483			
Percentages for Region	56.95	14.12	7.85	1.35	19.73	100.00	32.43	18.92	13.51	35.14	100.00		13.89	6.62	151,109

F—Operators Having Fatalities, 1930

	Causes of fatalities inside						Causes of fatalities outside					Fatalities inside and outside	Fatalities inside and outside per 1,000,000 man-days	Fatalities inside and outside per 1,000,000 tons produced	Production per fatality (net tons)
	Falls	Cars	Gas	Electricity	Miscellaneous	Total	Cars	Machinery	Electricity	Miscellaneous	Total				
Alden Coal Co.	2	1			1	4						4	21.93	10.94	91,446
Beardslee & Lewis Coal Co.	1				1	2						2	127.03	72.88	13,721
Buck Mountain Coal Mining Co.					1	1						1	16.18	6.30	158,749
Buck Run Coal Co.	3				1	4				1	1	5	39.53	14.98	66,773
Carova Coal Mining Co.	2			1		3						3	24.15	10.59	94,458
Colonial Colliery Co.	2					2						2	7.00	2.44	410,246
John Conlon Coal Co.				1		1						1	8.10	4.35	229,944
Coxe Bros. & Co., Inc.							2	1			3	3	4.94	2.03	492,136
East Alden Mining Co.									1		1	1	172.00	46.88	21,332
East Boston Coal Co.	2					2						2	11.23	6.13	163,197
Excelsior Coal Co.	1					1						1	16.47	3.68	271,824
Glen Alden Coal Co.	61	5	7		16	89	1			1	2	91	13.53	6.85	145,963
Haddock Mining Co.	2					2						2	10.32	3.75	266,622
Harleigh-Brookwood Coal Co.	2				1	3						3	19.02	9.28	107,731
Hazle Brook Coal Co.	1	1			2	4						4	11.84	4.78	209,043
Hillman Colliery Co.		1				1						1	58.24	30.26	33,052
Hudson Coal Co.	32	2	1		6	41	2		1	2	5	46	12.89	5.93	168,533
Humbert Coal Co.	1					1						1	19.06	10.97	91,149
Jeddo-Highland Coal Co.	2					2	1				1	3	4.71	2.60	384,141
Jermyn, Estate of Joseph J.	2					2		1			1	3	25.21	10.51	95,143
John-Ames Coal Co.								1			1	1	254.07	46.37	21,566
Kingston Coal Co.	1		4		1	6						6	14.06	8.02	124,630
Lackawanna Anthracite Mining Co.	1					1						1	22.94	11.02	90,780
Lackawanna Coal Co., Ltd.	1	1			1	3						3	37.16	16.51	60,565
George F. Lee Coal Co.		1				1						1	12.52	6.10	163,850
Lehigh Navigation Coal Co.	10	1	3	1	7	22			1		1	23	15.56	6.24	160,378
Lehigh Valley Coal Co.	13	2	4		6	25	3	2	1	4	10	35	14.89	6.14	162,748
Locust Mountain Coal Co.	2	1				3						3	27.15	10.74	93,100
Lytle Coal Co.	2		6		2	10						10	52.95	26.44	37,825
Mill Creek Coal Co.					2	2						2	12.61	4.34	230,402
Miners Mills Coal Mining Co.	1	1				2						2	36.38	16.53	60,508
Northumberland Mining Co.	3					3						3	14.60	6.92	144,469
Pardee Bros. & Co., Inc.		1			2	3						3	12.87	5.95	168,004
Phila. & Reading Coal & Iron Co.	25	8	11	1	6	51		1	2	1	4	55	12.55	5.59	178,795
Pine Hill Coal Co.	5	1	1		1	8	2				2	10	27.71	12.98	77,050

Pittston Co.	21	3	4		6	34			1		1	35	15.31	7.18	139,217
Plymouth Red Ash Coal Co.							1				1	1	30.38	17.65	56,671
Price-Pancoast Coal Co.	2					2						2	14.70	7.63	131,025
T. F. Quinn Coal Co.	1					1						1	5.19	32.18	31,078
Reppher Coal Co.	2	1	1		1	5						5	39.47	14.77	67,713
Saint Clair Coal Co.					1	1						1	6.34	2.96	338,340
Scranton Anthracite Coal Co.					1	1						1	28.05	13.63	73,349
Scranton Coal Co.	3	3			2	8				1	1	9	14.70	8.44	118,548
Seymour Coal Co.					1	1						1	7.79	5.31	188,271
Sherman Coal Corp.			4			4						4	70.75	20.15	49,625
South Penn Collieries Co.	2			2	2	6						6	12.26	5.58	179,133
Spencer Coal Co.	1					1						1	22.22	12.94	77,291
Spring Brook Coal Co.					1	1						1	212.04	255.10	3,920
Stevens Coal Co.									1		1	1	23.63	2.47	404,860
Susquehanna Collieries Co.	15	3	2	1	5	26				1	1	27	12.49	6.18	161,856
Temple Coal Co.	3					3	1			1	2	5	13.89	7.02	142,370
Thomas Colliery Co.	1					1						1	13.26	5.83	171,559
Troy Coal Co.		1				1						1	73.96	41.84	23,902
West End Coal Co.	3					3				1	1	4	17.46	9.09	109,964
Totals for Region	234	38	48	7	77	404	13	6	8	13	40	444			
Percentages for Region	57.92	9.41	11.88	1.73	19.06	100.00	32.50	13.00	20.00	32.50	100.00		14.02	6.46	154,902

G—Non-fatal Accidents,* Classified by Cause, by Counties, 1930

	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Percentage
Inside												
Falls of coal, slate and roof	5	10	19	154	276	85	207	2	1		759	37.02
Mine cars	7	5	6	78	155	35	47			1	334	16.29
Explosions of gas	4			3	16	4	25				52	2.54
Explosions of powder and dynamite				1	4		6				14	.68
Blasts, premature and otherwise	3	2		15	35	8	8		2		73	3.56
Falling into shafts							1				1	.05
Falling into slopes, etc.	3			4	1	1	4				13	.63
Crushed at batteries		2			1	9	14				26	1.27
Animals			3	3	4	4	4				18	.88
Machinery			1	8	6		4				19	.93
Electricity					1						1	.05
Miscellaneous	18	10	9	119	284	88	211	1			740	36.10
Total	40	32	38	385	783	234	531	3	3	1	2,050	100.00
Outside												
Cars	5		2	11	15	6	16				55	21.07
Machinery	3			5	5	1	8				22	8.43
Electricity	1			1	2						4	1.53
Miscellaneous	15	3	4	20	53	24	60	1			180	68.97
Total	24	3	6	37	75	31	84	1			261	100.00
Grand total	64	35	44	422	858	265	615	4	3	1	2,311	

* Disability 60 days or more

H—Fatal Accidents, Classified by Cause, 1921-1930

Cause	1921		1922		1923		1924		1925	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Inside										
Falls of coal	51	10.16	24	9.23	54	11.87	59	13.35	37	10.57
Falls of slate and roof	176	35.06	97	37.31	164	36.04	147	33.26	127	36.29
Cars	69	13.74	49	18.85	71	15.60	56	12.67	51	14.57
Explosions of gas	62	12.35	18	6.92	42	9.23	50	11.31	43	12.29
Suffocation by gas	8	1.59	2	.77	3	.66	10	2.26	1	.29
Blasts	63	12.55	36	13.85	47	10.33	53	11.99	53	15.14
Electricity	4	.80	3	1.15	5	1.10	8	1.81	4	1.14
Machinery	2	.40			2	.44	3	.68		
Miscellaneous	67	13.35	31	11.92	67	14.73	56	12.67	34	9.71
Total	502	100.00	260	100.00	455	100.00	442	100.00	350	100.00
Outside										
Mine cars	14	31.82	13	32.50	13	21.67	27	50.00	9	17.65
Railroad cars	3	6.82	4	10.00	8	13.33	7	12.96	4	7.84
Machinery	13	29.54	6	15.00	13	21.67	7	12.96	10	19.61
Electricity	4	9.09	1	2.50	2	3.33	2	3.71	6	11.76
Miscellaneous	10	22.73	16	40.00	24	40.00	11	20.37	22	43.14
Total	44	100.00	40	100.00	60	100.00	54	100.00	51	100.00
Grand total	546		300		515		496		401	

H—Fatal Accidents, Classified by Cause, 1921-1930—Continued

Cause	1926		1927		1928		1929		1930	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Inside										
Falls of coal	45	10.66	49	10.75	60	14.49	56	12.56	59	14.60
Falls of slate and roof	165	39.10	173	37.94	183	44.20	198	44.39	175	43.32
Cars	47	11.14	52	11.40	48	11.60	63	14.12	38	9.41
Explosions of gas	51	12.09	53	11.62	29	7.00	28	6.28	37	9.16
Suffocation by gas	10	2.37	9	1.97	5	1.21	7	1.57	11	2.72
Blasts	48	11.37	53	11.62	26	6.28	42	9.42	46	11.39
Electricity	2	.47	6	1.32	6	1.45	6	1.35	7	1.73
Machinery	1	.24	1	.22	2	.48	2	.45	2	.49
Miscellaneous	53	12.56	60	13.16	55	13.29	44	9.86	29	7.18
Total	422	100.00	456	100.00	414	100.00	446	100.00	404	100.00
Outside										
Mine cars	11	33.34	7	19.44	14	42.43	8	21.62	8	20.00
Railroad cars	5	15.15	5	13.89	4	12.12	4	10.81	5	12.50
Machinery	3	9.09	4	11.11	7	21.21	7	18.92	6	15.00
Electricity	3	9.09	4	11.11			5	13.51	8	20.00
Miscellaneous	11	33.33	16	44.45	8	24.24	13	35.14	13	32.50
Total	33	100.00	36	100.00	33	100.00	37	100.00	40	100.00
Grand total	455		492		447		483		444	

1—Total Production, Production from Washeries, Employes, Fatalities, 1870-1930

	Total production (net tons)	Washery production (net tons)	Employes	Fatalities	Production per fatality	Fatalities per 1,000,000 tons produced
1870	14,172,004		35,600	211	67,166	14.89
1871	15,532,252		37,488	210	73,963	13.52
1872	15,567,973		44,745	223	69,811	14.32
1873	21,001,521		48,199	264	79,551	12.57
1874	19,930,240		53,402	231	86,278	11.59
1875	23,402,646		69,966	238	98,330	10.17
1876	23,440,666		70,474	228	102,810	9.73
1877	24,727,213		66,842	194	127,460	7.85
1878	20,900,966		63,964	187	111,770	8.95
1879	31,036,600		68,847	262	118,460	8.44
1880	27,974,532		73,373	202	138,488	7.22
1881	34,202,558		76,031	273	125,284	7.98
1882	35,057,430		82,200	295	118,839	8.41
1883	37,747,369		91,421	323	116,865	8.56
1884	36,468,738		101,073	332	109,846	9.10
1885	38,232,155		100,320	332	115,157	8.68
1886	38,950,932		103,044	279	139,609	7.16
1887	42,156,300		106,517	316	133,406	7.50
1888	46,635,037		122,218	364	128,118	7.81
1889	43,650,768		119,646	397	109,952	9.09
1890	44,986,286		119,919	378	119,011	8.40
1891	49,701,322		123,308	428	116,125	8.61
1892	51,226,978		130,300	418	122,553	8.16
1893	52,841,110	*	138,069	456	115,880	8.63
1894	50,966,920	386,960	139,939	446	114,276	8.75
1895	56,948,756	686,534	143,705	421	135,270	7.39
1896	53,843,250	527,809	150,088	502	107,257	9.32
1897	52,581,036	732,743	149,557	423	124,305	8.04
1898	52,812,675	697,759	142,420	411	128,498	7.78
1899	60,518,321	1,055,426	140,604	461	131,276	7.62
1900	57,363,396	1,818,170	143,824	411	139,570	7.16
1901	67,094,665	2,009,864	147,651	513	130,789	7.65
1902	41,340,935	2,965,792	148,139	300	137,803	7.26
1903	75,232,585	4,119,258	151,827	518	145,237	6.89
1904	73,594,369	3,440,420	161,330	595	123,688	8.08
1905	78,647,020	3,897,688	168,254	644	122,123	8.19
1906	72,139,510	4,880,402	166,175	557	129,514	7.72
1907	86,056,412	5,630,169	168,774	708	121,549	8.23
1908	83,543,243	4,635,923	174,503	678	123,220	8.12
1909	80,223,833	5,206,562	171,195	567	141,488	7.07
1910	83,683,994	5,412,167	168,175	601	139,241	7.18
1911	90,917,176	4,555,457	173,338	699	130,067	7.69
1912	84,426,869	4,317,161	175,098	601	140,477	7.12
1913	91,626,964	2,934,157	175,310	624	146,838	6.81
1914	91,189,641	2,702,537	180,899	600	151,983	6.58
1915	89,377,706	3,418,427	177,339	588	152,003	6.58
1916	87,680,198	4,432,606	159,169	565	155,186	6.44
1917	100,445,299	6,408,277	156,148	581	172,883	5.78
1918	99,445,794	7,246,454	148,226	556	178,859	5.59
1919	87,838,024	3,616,675	153,780	636	138,110	7.24
1920	89,636,036	5,435,697	149,117	490	182,931	5.47
1921	90,358,642	1,842,096	161,926	546	165,492	6.04
1922	53,910,201	2,525,402	159,880	300	179,701	5.56
1923	92,653,641	4,212,001	168,764	515	179,910	5.56
1924	87,277,449	1,141,796	162,503	496	175,962	5.68
1925	61,334,145	894,187	163,825	401	152,953	6.54
1926	83,874,500	1,365,175	168,734	455	184,340	5.42
1927	79,367,154	1,851,440	167,648	492	161,315	6.20
1928	74,552,312	1,614,863	160,721	447	166,748	6.00
1929	72,985,844	878,599	153,422	483	151,109	6.62
1930	68,776,559	890,389	151,171	444	154,902	6.46

* No accurate record previous to 1894.

II. PRODUCTION

A—Tonnage (Net) By Counties, 1929-1930

	Carbon	Columbia	Dauphin	Lacka-wanna	Luzerne	Northum-berland	Schuylkill	Sullivan	Susque-hanna	Wayne	Total	Per cent
1929												
Shipped to market	1,811,161	656,976	779,176	15,591,558	26,176,546	5,165,108	14,479,514	90,231	78,518	87,982	64,916,830	88.94
Consumed at collieries	99,226	101,481	74,283	911,375	2,011,145	494,116	1,455,922	24,781	6,449	9,316	5,188,094	7.11
Sold locally	44,409	20,564	26,972	701,615	1,381,696	207,709	484,192	8,296	1,815	3,652	2,880,920	3.95
Total production	1,954,796	779,021	880,431	17,204,548	29,569,387	5,866,993	16,419,628	123,308	86,782	100,950	72,985,844	
Percentage	2.68	1.07	1.20	23.57	40.51	8.04	22.50	.17	.12	.14		100.00
Average days worked	228	198	217	243	228	228	212	98	145	146	227	
1930												
Shipped to market	1,634,176	608,962	741,207	13,754,214	23,997,910	6,166,553	13,885,265	43,466	77,137	112,673	61,021,503	88.74
Consumed at collieries	72,257	63,562	100,188	872,912	2,151,391	362,827	1,239,492	12,656	10,347	7,018	4,892,650	7.11
Sold locally	47,701	12,729	25,968	685,727	1,306,801	219,902	548,527	7,949	3,812	3,290	2,862,406	4.16
Total production	1,754,134	685,253	867,363	15,312,853	27,456,102	6,749,282	15,673,224	64,071	91,296	122,981	68,776,559	
Percentage	2.55	1.00	1.26	22.27	39.92	9.81	22.79	.09	.13	.18		100.00
Average days worked	175	147	184	212	213	265	196	66	115	159	210	

A—Tonnage (Net) by Inspection Districts, 1929

Inspection Districts	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold locally	Total production—net tons	Average days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Pounds of explosives used		
										Black powder	Dynamite	Permissible explosives
1	885,722	47,658	41,152	974,532	164	2,594	7	22	381	499,775	160,221	531,182
2	3,268,014	165,603	69,427	3,503,044	227	7,247	28	75	1,353	1,109,325	564,726	840,058
3	3,287,620	204,070	165,706	3,657,396	271	6,654	19	93	1,454	2,383,529	164,631	1,577,791
4	2,398,769	154,390	217,013	2,770,172	241	6,924	26	123	1,095	1,485,325	406,990	731,861
5	2,579,306	110,806	111,936	2,802,048	262	6,432	25	113	867	1,723,100	1,197,088	62,778
6	3,206,783	242,884	100,506	3,550,173	238	6,813	22	78	1,475	1,874,820	308,219	1,107,835
7	1,385,077	90,148	64,107	1,539,332	167	4,604	12	52	----------	416,100	204,167	655,285
8	2,249,693	219,037	40,135	2,508,865	195	6,375	25	53	1,186	1,210,050	125,835	901,395
9	1,912,404	226,950	85,043	2,224,397	248	4,423	23	76	658	224,625	1,223,825	98,150
10	2,438,519	226,319	134,034	2,798,872	213	6,648	18	198	1,234	1,374,675	520,375	825,153
11	2,033,426	193,345	356,470	2,583,241	197	6,181	13	90	----------	70,980	580,620	1,048,578
12	3,131,190	223,416	246,547	3,601,153	238	7,528	27	113	1,208	1,038,050	200,578	1,045,765
13	4,412,799	249,787	117,077	4,779,663	243	9,742	34	133	1,353	225	274,920	2,965,200
14	4,389,206	184,229	91,566	4,645,001	259	8,771	36	155	----------	28,850	464,987	2,155,245
15	3,739,439	364,153	180,863	4,284,455	253	7,181	24	99	1,663	----------	2,155,789	424,000
16	2,271,643	199,078	114,212	2,584,933	207	5,391	11	50	635	6,100	1,074,636	295,735
17	2,768,647	116,293	52,113	2,937,053	234	5,426	7	104	857	27,175	2,511,495	392,427
18	2,415,084	212,916	145,857	2,773,857	166	6,949	20	111	1,023	----------	1,122,653	530,573
19	2,697,983	158,970	87,825	2,944,778	238	5,549	25	137	1,127	600	773,654	1,020,136
20	1,954,874	329,883	49,974	2,334,731	234	4,715	11	85	860	----------	679,789	361,625
21	2,565,721	295,534	73,611	2,934,866	215	6,215	19	127	1,221	18,225	1,263,683	311,009
22	2,099,379	273,818	76,997	2,450,194	207	5,063	11	62	682	----------	1,160,149	214,050
23	2,822,480	247,542	56,551	3,126,573	239	6,065	18	105	669	----------	660,051	863,177
24	2,081,104	162,198	136,936	2,380,238	224	4,618	8	86	603	----------	679,363	716,363
25	1,941,948	289,067	65,262	2,296,277	206	5,311	19	92	520	----------	855,786	413,831
Total	64,916,830	5,188,094	2,880,920	72,985,844	227	153,422	483	2,358	22,124	13,501,729	19,334,230	20,089,203

A—Tonnage (Net) by Inspection Districts, 1930

Inspection Districts	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold locally	Total production—net tons	Average days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Pounds of explosives used		
										Black powder	Dynamite	Permissible explosives
1	1,927,587	49,558	64,282	2,041,427	197	4,935	16	72	705	821,676	223,564	732,269
2	1,901,715	167,553	47,021	2,116,289	188	5,142	12	65	768	407,313	605,610	374,616
3	3,416,885	162,609	165,392	3,744,886	272	6,646	18	88	1,520	2,956,550	514,546	953,789
4	2,660,399	130,900	220,218	2,411,517	207	6,731	19	62	1,039	1,279,647	338,063	650,324
5	2,007,731	148,727	101,927	2,258,385	211	6,406	23	69	685	1,388,375	928,300	53,975
6	2,458,928	225,565	92,681	2,777,174	178	6,934	23	67	1,154	1,500,735	241,845	806,020
7	1,373,437	128,063	89,479	1,590,979	173	4,490	14	56	744	483,125	140,861	572,542
8	2,187,181	288,717	35,648	2,511,546	180	6,436	14	60	1,611	1,179,392	116,032	743,361
9	1,644,447	219 846	67,069	1,931,362	219	4,512	16	72	522	171,025	553,215	560,695
10	2,273,962	234,922	131,582	2,640,466	208	6,526	15	135	1,144	1,230,600	387,832	733,287
11	2,024,202	192,406	329,176	2,545,784	204	5,830	17	78	725	19,450	618,827	977,572
12	2,616,007	199,072	246,084	3,061,163	194	7,605	21	98	1,698	819,275	127,659	892,771
13	3,799,323	302,644	105,588	4,207,555	208	9,492	24	114	1,174	150	203,600	2,440,650
14	4,024,658	188,168	115,872	4,328,698	242	8,617	30	139	1,141	14,375	397,804	2,074,088
15	3,314,776	349,260	153,200	3,817,236	257	6,736	9	87	1,499	----------	1,998,390	375,750
16	2,416,342	189,020	71,631	2,676,993	200	5,370	13	76	660	20,975	794,498	429,055
17	2,390,007	98,716	57,454	2,546,177	180	5,489	15	92	586	----------	2,003,528	326,962
18	2,265,469	142,532	178,402	2,586,403	175	5,877	15	79	969	----------	912,370	429,865
19	2,766,704	109,671	104,964	2,981,339	221	5,579	42	148	939	----------	734,969	966,019
20	2,078,382	330,316	45,645	2,454,343	228	4,938	9	85	829	----------	653,565	370,678
21	2,381,367	234,404	64,483	2,680,254	191	5,934	25	127	919	15,700	1,005,609	289,642
22	2,119,566	229,374	62,299	2,411,239	180	5,245	14	115	658	----------	1,175,630	327,116
23	3,519,856	155,959	43,482	3,719,297	270	6,208	19	148	805	----------	856,688	1,404,570
24	2,420,878	138,559	168,294	2,727,731	282	4,292	9	103	475	----------	587,017	553,513
25	1,631,694	276,089	100,533	2,008,316	155	5,201	12	76	391	----------	612,876	339,390
Total	61,021,503	4,892,650	2,862,406	68,776,559	210	151,171	444	2,311	22,760	12,308,363	16,732,898	18,378,519

A—Tonnage (Net) for the Years 1900-1930

Year	Tons of coal shipped to market	Tons used at collieries	Tons sold locally	Total production of coal—net tons	Average days worked	Number of employes	Number of fatal accidents
1900	50,704,202	5,466,644	1,192,550	57,363,396	176	143,824	411
1901	59,861,650	5,912,900	1,320,115	67,094,665	195	147,651	513
1902	35,338,021	4,955,752	1,047,152	41,340,935	116	148,139	300
1903	67,458,836	6,395,582	1,378,167	75,232,585	211	151,827	518
1904	65,137,283	6,912,358	1,544,728	73,594,369	213	161,330	599
1905	69,934,070	7,122,394	1,590,556	78,647,020	208	168,254	644
1906	63,418,916	7,198,140	1,522,454	72,139,510	206	166,175	557
1907	76,138,664	8,217,439	1,700,309	86,056,412	227	168,774	708
1908	73,507,322	8,320,032	1,715,889	83,543,243	211	174,503	678
1909	70,314,739	8,103,810	1,805,284	80,223,833	205	171,195	567
1910	73,418,730	8,396,895	1,868,369	83,683,994	212	168,175	601
1911	79,775,010	9,152,073	1,990,093	90,917,176	234	173,336	699
1912	73,462,014	8,804,759	2,160,096	84,426,869	220	175,098	601
1913	80,325,964	9,357,702	1,943,238	91,626,964	242	175,310	624
1914	79,713,875	9,512,372	1,963,394	91,189,641	229	180,899	600
1915	77,578,441	9,815,643	1,983,622	89,377,706	221	177,339	588
1916	76,180,937	9,400,973	2,098,288	87,680,198	246	159,169	565
1917	78,147,050	9,903,124	2,395,125	100,445,299	270	156,148	581
1918	86,614,364	10,211,297	2,620,133	99,445,794	283	148,226	556
1919	75,959,448	9,605,658	2,272,918	87,838,024	252	153,780	636
1920	77,130,591	9,904,722	2,660,723	89,636,036	265	149,117	490
1921	77,984,929	9,807,993	2,565,720	90,358,642	271	161,926	546
1922	45,514,224	6,212,209	2,183,768	53,910,201	143	159,880	300
1923	81,937,565	7,970,054	2,746,022	92,653,641	271	158,764	515
1924	77,012,628	7,647,670	2,617,151	87,277,449	271	162,503	496
1925	53,272,800	5,543,080	2,518,265	61,334,145	181	163,825	401
1926	74,849,331	6,417,915	2,607,254	83,874,500	243	168,734	455
1927	70,020,533	6,559,075	2,787,546	79,367,154	227	167,648	492
1928	65,922,934	5,771,921	2,857,457	74,552,312	219	160,721	447
1929	64,916,830	5,188,694	2,880,920	72,985,844	227	153,422	483
1930	61,021,503	4,892,650	2,862,406	68,776,559	210	151,171	444

A—Tonnage (Net) by Counties, 1900-1930

Year	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total
1900	1,863,637	980,721	779,135	13,755,961	21,481,122	4,690,944	12,998,899	235,112	556,003	21,862	57,363,396
1901	1,858,519	1,209,859	830,572	17,258,125	23,963,869	5,430,991	15,277,658	152,505	743,105	369,462	67,094,665
1902	1,104,462	738,070	423,341	11,851,169	14,577,949	3,162,066	8,622,103	409,017	452,758		41,340,935
1903	2,150,021	1,353,904	732,970	20,046,133	27,878,362	5,518,580	16,389,505	293,442	800,773	68,895	75,232,585
1904	2,253,512	1,151,624	723,414	19,007,628	27,705,288	5,516,647	16,173,158	294,305	692,440	71,353	73,594,369
1905	2,476,406	1,229,697	723,126	19,709,164	29,992,636	5,483,181	17,975,160	310,496	680,146	67,008	78,647,020
1906	2,246,823	969,065	734,723	18,840,561	26,612,192	5,367,497	16,376,538	358,627	562,103	71,381	72,139,510
1907	2,762,523	1,188,268	829,980	22,433,409	30,853,087	6,665,352	20,160,970	433,101	644,088	85,594	86,056,412
1908	2,784,946	1,182,326	848,005	21,631,995	31,728,997	6,067,741	18,196,714	550,712	487,900	63,906	83,543,243
1909	2,652,997	1,093,103	932,393	20,489,212	30,992,306	5,987,835	16,794,597	641,216	589,835	50,339	80,223,833
1910	3,214,169	960,145	886,192	21,182,921	32,106,979	6,324,317	17,696,013	632,874	628,808	51,576	83,683,994
1911	3,312,483	1,193,736	946,963	22,598,414	35,061,582	7,109,372	19,234,447	717,429	672,600	70,150	90,917,176
1912	2,843,876	1,214,527	945,102	20,617,308	32,643,232	6,851,491	17,986,745	649,235	582,510	92,843	84,426,869
1913	3,353,277	1,214,648	1,060,270	21,836,671	36,326,287	7,012,687	19,511,483	664,063	594,764	52,814	91,626,964
1914	3,186,691	1,066,471	1,000,988	21,649,788	36,973,767	6,710,131	19,166,424	643,730	658,249	133,402	91,189,641
1915	3,337,156	1,202,465	972,110	21,697,563	35,266,086	6,354,484	19,078,139	604,353	760,076	105,274	89,377,706
1916	2,966,975	1,346,874	986,234	20,983,978	32,497,845	6,299,185	21,109,730	553,308	791,326	144,743	87,680,198
1917	3,687,302	1,563,200	967,704	23,072,582	37,580,170	7,889,237	23,707,223	598,859	652,504	726,518	100,445,299
1918	4,358,801	1,737,057	899,383	22,732,557	37,699,338	7,768,402	22,689,451	540,112	872,036	148,657	99,445,794
1919	3,480,567	1,271,951	847,492	19,631,894	34,577,321	7,168,999	19,590,611	487,639	706,918	74,632	87,838,024
1920	3,466,847	1,564,881	895,837	20,023,567	34,243,592	6,834,467	21,383,867	531,360	470,164	221,454	89,636,036
1921	2,802,685	1,402,575	911,546	19,695,315	36,683,202	7,084,343	20,715,007	389,769	634,662	39,538	90,358,642
1922	1,997,813	898,463	686,403	11,283,004	20,865,400	4,490,794	13,071,248	224,323	370,121	22,632	53,910,201
1923	3,340,916	1,530,409	1,062,686	21,053,128	35,379,042	7,438,592	21,780,433	355,468	662,066	50,901	92,653,641
1924	2,654,820	1,044,724	1,113,048	20,392,400	34,711,150	7,207,553	19,238,222	214,773	655,000	45,759	87,277,449
1925	1,999,427	685,300	773,400	13,962,503	24,495,676	4,949,763	14,050,730	142,435	221,850	53,061	61,334,145
1926	2,653,428	1,078,322	999,962	19,675,546	33,552,434	6,690,294	18,546,599	240,965	415,580	21,370	83,874,500
1927	2,673,901	962,229	1,092,537	17,394,229	31,681,287	6,780,089	18,304,699	153,701	263,717	60,765	79,367,154
1928	2,000,043	1,062,840	905,716	16,764,156	29,501,386	6,271,004	17,671,480	134,224	202,456	39,007	74,552,312
1929	1,954,796	779,021	880,431	17,204,548	29,569,387	5,866,993	16,419,628	123,308	86,782	100,950	72,985,844
1930	1,754,134	685,253	867,363	15,312,853	27,456,102	6,749,282	15,673,224	64,071	91,296	122,981	68,776,559

B—Operators, Production, Employes, Days Worked, 1929

Operators	Production (Gross tons)	Employes			Average man-days worked
		Inside	Outside	Total	
Alden Coal Co.	356,126	692	131	823	244
Ampere Coal Co.	10,888	33	10	43	194
John J. Barrett	9,000	19	4	23	160
Barry Coal Co.	5,691	----------	49	49	271
Beardslee & Lewis Coal Co.	16,135	29	6	35	263
Bell Colliery Co., Inc.	68,206	77	42	119	248
Black Heath Coal Co.	15,979	12	12	24	281
Buck Mountain Coal Mining Co.	149,800	142	57	199	265
Buck Run Coal Co.	347,958	502	163	665	258
Chestnut Hill Coal Co.	3,794	37	7	44	62
Childs Coal Co.	9,292	25	5	30	203
Colonial Colliery Co.	718,056	950	235	1,185	273
John Conlon Coal Co.	157,578	324	57	381	243
Connell Anthracite Mining Co.	86,362	331	100	431	94
Coxe Bros. & Co., Inc.	1,439,974	2,310	760	3,070	223
R. M. Cranston	10,438	13	7	20	246
Cullen Fuel Co., Inc.	2,183	----------	20	20	47
D. F. M. Co.	13,131	18	5	23	255
Dunmore Anthracite Coal Co.	7,297	17	6	23	225
East Alden Mining Co.	17,977	33	10	43	185
East Bear Ridge Colliery Co.	205,720	327	113	440	234
East Boston Coal Co.	260,289	493	132	625	289
Evans Colliery Co.	75,462	128	60	188	215
Excelsior Coal Co.	250,000	81	150	231	283
Flagg Coal Co.	13,728	----------	46	46	74
Flanagan Coal Co.	86,837	----------	54	54	201
Fox Hill Mining Co.	26,880	43	7	50	251
Frackville Coal Co.	72,552	73	36	109	284
John Gibbons Coal Co.	29,100	18	67	85	135
Glen Alden Coal Co.	8,602,029	16,231	3,266	19,497	267
Green Ridge Coal Co.	60,270	103	26	129	273
Haddock Mining Co.	603,810	1,188	292	1,480	193
Harleigh-Brookwood Coal Co.	301,750	504	191	695	234
Harris-Denly Coal Co.	18,010	29	9	38	249
Hazle Brook Coal Co.	944,881	821	588	1,409	224
Hillman Colliery Co.	30,500	55	6	61	248
Hillside Coal & Iron Co.	532,725	1,645	379	2,024	152
Hudson Coal Co.	7,251,490	13,615	3,020	16,635	227
Humbert Coal Co.	57,261	170	50	220	172
Jeddo-Highland Coal Co.	1,295,525	1,722	508	2,230	301
Estate of Joseph J. Jermyn	306,211	526	153	679	233
John-Ames Coal Co.	22,023	----------	33	33	165
Kingston Coal Co.	645,998	1,198	482	1,680	247
Lackawanna Anthracite Mining Co.	70,440	162	25	187	217
Lackawanna Coal Co., Ltd.	177,430	297	62	359	214
Lackawanna Valley Fuel Co.	15,485	25	55	80	264
Langcliffe Collieries, Inc.	154,589	389	118	507	145
Lavelle Coal Co.	31,701	36	20	56	206
George F. Lee Coal Co.	137,278	277	46	323	244
Lehigh Coal Co.	22,941	----------	65	65	154
Lehigh Coal & Navigation Co.	3,552,537	5,580	2,238	7,818	222
Lehigh Valley Coal Co.	5,649,945	10,732	3,032	13,764	200
Lehigh & Wilkes-Barre Coal Co.	4,735,026	10,044	2,361	12,405	209
Lehigh & Wyoming Valley Coal Co.	36,941	75	22	97	180
H. A. Light Co.	15,345	3	9	12	98
Lincoln Coal Co.	27,175	49	12	61	249
Lynott Coal Co.	4,803	----------	11	11	255
Locust Mountain Coal Co.	335,186	548	253	601	293
Lytle Coal Co.	458,750	592	208	800	293
M & M Coal Co.	54,000	----------	38	38	235
Meadowside Coal Co.	26,772	100	24	124	140
Mid-City Coal Co.	86,714	136	32	168	286
Mill Creek Coal Co.	365,215	541	170	711	225
Miners Mills Coal Mining Co.	107,195	140	20	160	289
Mine Run Coal Co.	21,160	33	7	40	285
Harry L. Mitchneck	8,302	38	14	52	204
Moffat Coal Co.	47,721	149	27	176	181
Murrin Coal Co.	5,400	----------	----------	----------	56
Namura Coal Co.	1,558	9	2	11	168
Nanticoke Valley Coal Co.	68,626	----------	55	55	280
Northern Anthracite Coal Co.	23,734	102	43	145	108
Northumberland Mining Co.	389,485	592	114	706	300
Pardee Bros. & Co., Inc.	462,620	677	247	924	251
Park Red Ash Coal Co.	400	----------	----------	----------	----------
Pennsylvania Coal Co.	4,703,216	9,526	2,095	11,621	219
Phila. & Reading Coal & Iron Co.	8,208,335	14,700	6,243	20,943	208
Pine Hill Coal Co.	763,663	1,263	353	1,616	254
Pittston Coal Mining Co.	48,597	122	46	168	175
Plymouth Mining Co.	7,000	7	9	16	268

B—Operators, Production, Employes, Days Worked, 1929—Continued

Operators	Production (Gross tons)	Employes			Average man-days worked
		Inside	Outside	Total	
Plymouth Red Ash Coal Co.	39,509	66	17	83	311
Price-Pancoast Coal Co.	243,649	399	139	538	225
T. F. Quinn Coal Co.	22,594	145	62	207	106
Racket Brook Coal Co.	74,152	223	71	294	124
Raub Coal Co.	116,422	270	64	334	216
Repplier Coal Co.	262,213	402	94	496	225
Saint Clair Coal Co.	329,680	334	216	550	270
Sandy Run Coal Co.	88,536	159	68	227	182
Scranton Anthracite Coal Co.	66,383	92	43	135	260
Scranton Coal Co.	1,135,829	3,648	754	4,402	192
Seymour Coal Co.	125,180	285	31	316	223
Shamokin Colliery Co.	174,314	----------	56	56	289
Sherman Coal Corp.	154,235	158	55	213	293
South Penn Collieries Co.	932,652	1,351	337	1,688	297
Spencer Coal Co.	67,374	190	29	219	228
Spring Brook Coal Co.	758	21	4	25	34
E. S. Stackhouse Coal Co.	41,431	87	29	116	198
Steinhart Coal Co.	9,681	40	20	60	59
Stevens Coal Co.	61,162	----------	40	40	133
Strange Coal Co.	25,062	----------	10	10	187
Suscon Coal Co.	12,667	28	3	31	162
Susquehanna Collieries Co.	3,801,189	7,313	2,205	9,518	239
Temple Coal Co.	699,213	1,204	349	1,553	259
Thomas Colliery Co.	209,149	252	122	374	272
Throop Coal Co.	11,939	12	2	14	195
Triplex Coal Co.	686	43	41	84	15
Troy Coal Co.	27,468	45	13	58	288
West Brook Coal Co.	11,000	33	4	37	276
West End Coal Co.	339,524	649	171	820	225
Wilson Bros. Co.	1,157	7	----------	7	74
Wilson Coal Co.	8,654	34	3	37	155
Wolf Collieries Co., Inc.	40,480	66	11	77	215
Yatesville Coal Co.	67,789	87	8	95	249
Total	65,165,932	118,921	34,501	153,422	227

B—Operators, Production, Employes, Days Worked, 1930

Operators	Production (Gross tons)	Employes			Average man-days worked
		Inside	Outside	Total	
Alden Coal Co.	326,592	659	126	785	252
Ampere Coal Co.	13,725	50	5	55	158
Anthracite Power & Utilities Co.	10,729	89	52	141	75
John J. Barrett	24,000	41	6	47	302
Barry Coal Co.	15,641		35	35	260
Beardslee & Lewis Coal Co.	24,501	53	11	64	246
Bell Colliery Co.	84,317	104	46	150	274
Black Heath Coal Co.	8,960	14	11	25	218
Buck Mountain Coal Mining Co.	141,740	178	57	235	203
Buck Run Coal Co.	298,095	371	135	506	250
Carova Coal Mining Co.	253,013	413	111	524	237
Chestnut Hill Coal Co.	13,616	23	11	34	177
Childs Coal Co.	14,860	32	4	36	268
Coal & Timber Co.	21,571	29	12	41	250
Colonial Colliery Co.	732,581	917	191	1,108	258
John Conlon Coal Co.	205,307	417	91	508	243
Connell Anthracite Mining Co.	46,477	351	92	443	63
Coxe Bros & Co., Inc.	1,318,221	2,165	724	2,889	210
R. M. Cranston	9,420	17	11	28	244
D. F. M. Mining Co.	3,612	43	4	47	178
Dunmore Anthracite Coal Co.	3,225	6	2	8	156
East Alden Mining Co.	19,046	25	9	34	171
East Bear Ridge Colliery Co.	193,121	318	128	446	230
East Boston Coal Co.	291,422	472	142	614	240
Evans Colliery Co.	75,881	136	56	192	236
Excelsior Coal Co.	242,700	66	154	220	276
Flagg Coal Co.	57,885		30	30	300
Flanagan Coal Co.	17,805		52	52	46
Fox Hill Mining Co.	27,526	48	6	54	249
Frackville Coal Co.	75,809	76	39	115	285
Gap Mining Co.	8,723	45	5	50	107
John Gibbons Coal Co.	6,114	22	60	82	29
Glen Alden Coal Co.	11,859,517	26,807	5,029	31,836	211
Green Ridge Coal Co.	60,761	119	24	143	255
Haddock Mining Co.	476,111	696	212	908	214
Harleigh-Brookwood Coal Co.	288,564	519	176	695	227
Harris-Denly Coal Co.	12,050	28	8	36	220
Hazle Brook Coal Co.	746,582	947	410	1,357	249
Hillman Colliery Co.	29,511	69	8	77	223
Hudson Coal Co.	6,921,889	13,115	2,596	15,711	227
Humbert Coal Co.	81,383	189	55	244	215
Jeddo-Highland Coal Co.	1,028,948	1,705	632	2,337	273
Estate of Joseph J. Jermyn	254,847	517	144	661	180
John-Ames Coal Co.	19,255		24	24	164
Junedale Coal Co., Inc.	20,585		27	27	110
Kingston Coal Co.	667,661	1,223	460	1,683	254
Lackawanna Anthracite Mining Co.	81,054	168	24	192	227
Lackawanna Coal Co., Ltd.	162,227	378	68	446	181
Lackawanna Valley Fuel Co.	13,020	34	81	115	208
Lavelle Coal Co.	28,620	27	25	52	155
Geo. F. Lee Coal Co.	146,295	281	41	322	248
Lehigh Coal Co.	6,235		50	50	51
Lehigh Navigation Coal Co.	3,293,472	5,609	2,251	7,860	188
Lehigh Valley Coal Co.	5,085,866	10,734	2,916	13,650	172
Light Co.	34,076		29	29	178
Locust Mountain Coal Co.	249,375	353	147	500	221
Lynott Coal Co.	3,500		12	12	252
Lytle Coal Co.	337,721	618	196	814	232
Mary G. Coal Co.	4,914		31	31	72
Meadowside Coal Co.	46,478	128	22	150	182
Mid-City Coal Co.	59,463	109	25	134	215
Mill Creek Coal Co.	411,431	537	153	690	230
M & M Coal Co.	81,887		36	36	242
Miners Mills Coal Mining Co.	108,050	165	22	187	294
Mine Run Coal Co.	16,668	26	5	31	242
Harry L. Mitchneck	15,826	49	14	63	173
Moffat Coal Co.	49,565	170	23	193	168
Nanticoke Valley Coal Co.	79,527		52	52	296
Nay-But Coal Co.	8,342	70	24	94	78
Northumberland Mining Co.	386,970	583	111	694	296
Norwesco Mining Co.	10,563	22	17	39	69
Pardee Bros. & Co., Inc.	450,012	690	242	932	250
Park Red Ash Coal Co.	20,842		22	22	196
Phila. & Reading Coal & Iron Co.	8,780,092	14,481	5,709	20,190	217
Pine Hill Coal Co.	687,946	1,348	335	1,683	214
Pittston Coal Mining Co.	32,203	103	48	151	162
Pittston Co.	4,350,523	11,202	2,407	13,609	168
Plymouth Mining Co.	15,754	7	8	15	243

B—Operators, Production, Employes, Days Worked, 1930—Continued

Operators	Production (Gross tons)	Employes			Average man—days worked
		Inside	Outside	Total	
Plymouth Red Ash Coal Co.	50,599	89	20	109	302
Price-Pancoast Coal Co.	233,973	459	120	579	255
T. F. Quinn	27,748	179	43	222	128
Racket Brook Coal Co.	61,688	201	53	254	114
Raub Coal Co.	116,865	325	61	386	212
Repplier Coal Co.	302,289	401	90	491	258
Rose Coal Co.	10,925	80	19	99	168
Saint Clair Coal Co.	302,089	349	210	559	282
Sandy Run Coal Co.	74,917	132	69	201	166
Scott, Farber & Consargra	800	14	5	19	108
Scranton Anthracite Coal Co.	65,490	107	48	155	230
Scranton Coal Co.	952,616	3,614	719	4,333	141
Seymour Coal Co.	168,099	392	60	452	284
Sherman Coal Corp.	177,230	145	52	197	287
Sindaco Coal Co.	930	17	2	19	224
South Penn Collieries Co.	959,641	1,387	307	1,694	239
Spencer Coal Co.	69,010	169	25	194	232
Spring Brook Coal Co.	3,500	17	1	18	202
E. S. Stackhouse Coal Co.	35,618	93	29	122	156
Steinhart Coal Co.	21,295	24	19	43	273
Stevens Coal Co.	361,482	----------	142	142	298
Strange Coal Co.	20,600	----------	11	11	164
Suscon Coal Co.	16,550	40	3	43	237
Susquehanna Collieries Co.	3,901,880	7,084	2,137	9,221	234
Syncline Contracting Co.	33,118	----------	56	56	177
Temple Coal Co.	635,582	1,346	380	1,726	209
Thomas Colliery Co.	153,178	235	111	346	218
Throop Coal Co.	3,924	12	2	14	116
Troy Coal Co.	21,341	41	11	52	260
West Brook Coal Co.	26,398	31	4	35	205
West End Coal Co.	392,729	661	166	827	277
Wilson Bros. Co.	2,491	13	2	15	205
Wilson Coal Co.	4,520	30	2	32	142
Wolf Collieries Co., Inc.	37,804	65	11	76	203
Yatesville Coal Co.	48,307	42	12	54	301
Total	61,407,642	118,800	32,371	151,171	210

C—Employes, Classified by Occupation, 1929

	Districts												
	1	2	3	4	5	6	7	8	9	10	11	12	13
Inside													
Mine foremen	17	19	12	18	19	24	21	16	14	20	15	20	20
Assistant mine foremen	27	80	86	60	56	59	56	90	70	95	53	74	72
Fire bosses	1	5	40	23	18	33	4	-------	14	22	66	51	58
Miners	793	1,989	1,574	1,776	1,637	1,819	1,218	1,553	1,304	1,907	1,749	2,121	2,781
Miners' laborers	610	2,071	1,946	2,050	1,790	1,937	1,238	1,873	876	1,497	1,196	1,726	2,239
Machine runners	32	45	41	5	15	41	3	26	-------	44	11	21	3
Machine runners' helpers	120	354	272	24	14	206	7	27	-------	256	46	122	2
Drivers and runners	85	307	252	282	38	195	111	187	352	378	350	381	294
Motormen and assistants	118	271	299	320	319	290	197	313	134	226	144	245	392
Doorboys	17	42	42	53	24	45	39	65	76	40	240	118	251
Trackmen and bratticemen	58	176	166	147	146	143	125	173	136	176	161	201	243
Timbermen and rockmen	10	69	120	64	106	54	77	37	100	98	215	190	194
Pumpmen and pipemen	31	43	64	75	45	58	47	43	75	56	45	40	89
Electricians and helpers	13	18	41	49	41	39	30	32	18	24	18	28	40
All other employes	114	441	628	652	1,074	485	440	723	323	709	731	731	1,346
Total	2,046	5,930	5,583	5,598	5,342	5,426	3,613	5,158	3,492	5,548	5,040	6,069	8,024
Outside													
Superintendents	10	8	5	8	8	9	7	10	8	12	3	10	8
Foremen	12	15	10	11	18	12	21	10	15	17	11	21	17
Blacksmiths and carpenters	36	90	99	111	100	110	101	146	115	100	54	116	144
Engineers and firemen	63	146	128	109	85	160	125	130	143	143	200	200	200
Machinists and helpers	18	30	47	24	21	52	33	58	14	27	19	28	27
Trackmen and helpers	15	34	15	4	5	42	34	6	19	18	8	7	17
Slatepickers (boys)	42	34	18	167	91	122	76	183	57	80	84	91	123
Slatepickers (men)	7	73	11	50	36	36	17	14	40	33	35	44	25
Office employes	28	68	64	31	28	54	28	29	26	51	44	58	34
All other employes	317	819	674	811	698	790	549	631	494	619	683	884	1,123
Total	548	1,317	1,071	1,326	1,090	1,387	991	1,217	931	1,100	1,141	1,459	1,718
Grand total	2,594	7,247	6,654	6,924	6,432	6,813	4,604	6,375	4,423	6,648	6,181	7,528	9,742

C—Employes, Classified by Occupation, 1929—Continued

	Districts												
	14	15	16	17	18	19	20	21	22	23	24	25	Total
Inside													
Mine foremen	18	35	21	10	22	12	11	14	17	11	12	13	431
Assistant mine foremen	58	82	53	14	37	43	78	104	71	50	63	61	1,592
Fire bosses	76	20	7	112	70	51			14	30	12	24	751
Miners	2,406	2,527	1,580	1,441	2,541	2,160	1,889	2,426	1,787	2,693	1,908	1,676	47,255
Miners' laborers	2,388	1,085	1,083	89	411	470	440	447	311	322	225	309	28,629
Machine runners						8				4		14	313
Machine runners' helpers	36					11				4		14	1,515
Drivers and runners	297	214	251	77	251	265	184	154	156	231	181	239	5,712
Motormen and assistants	346	181	77	174	175	160	46	148	139	104	75	86	4,919
Doorboys	84	34	53	33	18	9	17	20	42	35	12	27	1,436
Trackmen and brattiemen	213	165	112	104	188	154	144	172	247	168	162	317	4,197
Timbermen and rockmen	154	332	126	726	365	249	98	302	245	228	170	367	4,696
Pumpmen and pipemen	63	68	62	5	33	53	34	55	55	49	44	82	1,314
Electricians and helpers	23	25	15	39	14	6	6	15	9	17	10	14	584
All other employes	882	398	288	1,035	749	478	467	531	629	704	370	651	15,577
Total	7,044	5,166	3,728	3,859	4,874	4,069	3,414	4,388	3,722	4,650	3,244	3,894	118,921
Outside													
Superintendents	8	8	9	14	16	10	5	9	7	6	8	7	213
Foremen	20	34	31	22	29	13	9	13	12	16	12	13	414
Blacksmiths and carpenters	146	166	135	137	161	106	75	130	105	100	103	140	2,826
Engineers and firemen	212	280	243	212	300	159	238	255	204	185	168	210	4,498
Machinists and helpers	65	31	47	117	66	26	15	32	28	45	18	44	932
Trackmen and helpers	32	70	53	83	29	29	10	23	10	20	31	32	646
Slatepickers (boys)	104	89	77	18	185	137	150	165	162	157	152	86	2,650
Slatepickers (men)	10	43	21	12	17	39	38	39	36	23	40	8	747
Office employes	54	59	41	28	52	54	37	67	37	57	47	57	1,130
All other employes	1,079	1,235	1,006	924	1,220	907	724	1,094	740	809	795	820	20,445
Total	1,730	2,015	1,663	1,567	2,075	1,480	1,301	1,827	1,341	1,415	1,374	1,417	34,501
Grand total	8,774	7,181	5,391	5,426	6,949	5,549	4,715	6,215	5,063	6,065	4,618	5,311	153,422

C—Employes, Classified, by Occupation, 1930

	Districts												
	1	2	3	4	5	6	7	8	9	10	11	12	13
Inside													
Mine foremen	24	20	12	19	18	26	19	19	14	19	14	19	20
Assistant mine foremen	57	53	83	62	53	60	51	53	65	83	44	84	78
Fire bosses	2	4	42	20	18	31	11	55	15	20	42	33	41
Miners	1,303	1,412	1,553	1,803	1,602	1,726	1,162	1,555	1,292	1,836	1,655	2,147	2,727
Miners' laborers	1,402	1,418	2,024	2,198	1,953	1,924	1,307	2,062	931	1,550	1,261	1,916	2,234
Machine runners	59	34	52	4	18	54	-------	26	-------	43	-------	15	3
Machine runners' helpers	331	239	321	23	10	248	-------	14	-------	252	-------	92	-------
Motormen	111	90	153	164	168	163	102	189	70	114	66	125	196
Motormen's assistants	110	88	169	163	205	157	102	185	69	111	67	170	207
Drivers and runners	163	227	218	263	34	189	95	180	338	372	333	332	271
Trackmen	103	85	135	114	113	154	115	140	90	124	85	150	121
Brattiemen	13	20	29	23	24	27	14	33	34	41	43	58	110
Timbermen and rockmen	54	51	141	114	121	77	49	40	95	90	235	195	210
Pumpmen and pipemen	35	40	55	66	39	57	48	55	71	49	42	34	89
Electricians	15	14	40	49	39	37	25	40	14	23	14	28	40
Doorboys	25	27	37	46	20	46	30	67	74	35	187	112	116
All other employes	301	337	607	566	969	528	341	601	403	709	875	776	1,525
Total	4,108	4,159	5,671	5,696	5,404	5,564	3,471	5,314	3,575	5,471	4,963	6,286	7,986
Outside													
Superintendents	14	6	5	8	9	11	6	10	8	9	3	10	8
Foremen	17	13	11	10	15	14	20	7	14	16	9	22	17
Blacksmiths	18	23	21	20	15	28	24	26	24	26	13	25	21
Carpenters	43	39	69	67	80	92	84	132	71	67	37	114	106
Engineers and firemen	83	126	121	105	69	156	116	152	133	148	158	194	174
Machinists	28	24	42	22	18	48	44	54	14	24	9	28	32
Trackmen	11	27	15	4	5	30	21	7	15	21	5	7	22
Slatepickers (boys)	14	42	17	85	92	114	121	119	38	73	65	77	126
Slatepickers (men)	11	14	10	38	31	23	28	4	36	17	38	53	33
Office employes	66	56	67	39	24	78	40	51	26	54	32	67	37
All other employes	522	613	597	637	644	836	515	560	558	600	498	722	930
Total	827	983	975	1,035	1,002	1,430	1,019	1,122	937	1,055	867	1,319	1,506
Grand total	4,935	5,142	6,646	6,731	6,406	6,934	4,490	6,436	4,512	6,526	5,830	7,605	9,492

C—Employes, Classified by Occupation, 1930—Continued

	Districts												
	14	15	16	17	18	19	20	21	22	23	24	25	Total
Inside													
Mine foremen	18	32	24	10	20	12	10	14	18	19	9	13	442
Assistant mine foremen	62	86	54	14	48	39	51	85	59	43	28	56	1,451
Fire bosses	68	20	7	103	55	70	45	32	39	53	46	31	903
Miners	2,353	2,426	1,620	1,442	2,304	2,323	2,292	2,376	1,870	2,936	1,771	1,622	47,108
Miners' laborers	2,468	1,030	1,037	74	249	420	195	410	241	257	208	313	29,082
Machine runners	2								2	3	7	12	334
Machine runners' helpers	25									2		12	1,569
Motormen	172	98	50	107	89	57	24	86	75	77	42	58	2,646
Motormen's assistants	184	96	29	96	79	50	31	78	72	63	41	49	2,671
Drivers and runners	234	219	222	80	194	258	169	127	143	241	147	249	5,298
Trackmen	139	123	92	39	62	51	40	108	94	75	45	109	2,506
Bratticemen	70	34	27	19	85	88	79	84	135	116	68	222	1,496
Timbermen and rockmen	155	324	122	697	333	289	125	222	236	225	114	412	4,726
Pumpmen and pipemen	68	50	41	3	33	43	27	39	56	49	30	63	1,182
Electricians	25	21	19	38	17	7	6	14	7	8	10	14	564
Doorboys	72	30	48	21	14	9	14	21	39	41	7	30	1,168
All other employes	836	315	295	1,147	668	446	488	527	721	695	368	613	15,654
Total	6,951	4,904	3,687	3,890	4,250	4,162	3,596	4,223	3,807	4,903	2,941	3,878	118,800
Outside													
Superintendents	8	5	10	15	12	10	4	8	8	7	7	5	206
Foremen	21	30	35	22	29	11	11	14	18	12	13	12	413
Blacksmiths	35	37	24	18	32	22	20	32	28	27	20	20	599
Carpenters	103	115	94	132	116	102	69	107	85	80	96	116	2,216
Engineers and firemen	203	243	235	227	239	145	221	235	231	153	133	200	4,200
Machinists	60	24	43	105	51	23	17	33	23	37	14	41	858
Trackmen	33	64	48	79	16	26	16	28	16	13	15	31	575
Slatepickers (boys)	106	60	77	28	132	120	169	181	106	61	167	87	2,277
Slatepickers (men)	11	31	26	8	23	28	30	36	29	13	55	7	633
Office employes	55	53	45	36	44	53	30	58	30	69	38	58	1,206
All other employes	1,031	1,170	1,046	929	933	877	755	979	864	833	793	746	19,188
Total	1,666	1,832	1,683	1,599	1,627	1,417	1,342	1,711	1,438	1,305	1,351	1,323	32,371
Grand total	8,617	6,736	5,370	5,489	5,877	5,579	4,938	5,934	5,245	6,208	4,292	5,201	151,171

Production of Coal

Operators	Gross Tons	
	1929	1930
CARBON COUNTY		
Lehigh Coal & Navigation Co.	1,368,457	
Lehigh Navigation Coal Co.		1,270,516
Coxe Brothers & Co., Inc.	241,435	119,295
Evans Colliery Co.	75,462	75,881
Lehigh Valley Coal Co.	60,000	75,000
Junedale Coal Co., Inc.		20,585
Mary G. Coal Co.		4,914
Total	1,745,354	1,566,191
COLUMBIA COUNTY		
Phila. & Reading Coal & Iron Co.	380,491	385,857
Lehigh Valley Coal Co.	278,569	66,928
Hazle Brook Coal Co.	28,192	134,880
Harry L. Mitchneck	8,302	15,826
Nay-But Coal Co.		8,342
Total	695,554	611,833
DAUPHIN COUNTY		
Susquehanna Collieries Co.	786,099	774,431
LACKAWANNA COUNTY		
Hudson Coal Co.	5,197,775	5,131,116
Glen Alden Coal Co.	3,594,886	3,019,727
Pennsylvania Coal Co.	2,389,683	
Scranton Coal Co.	1,135,829	952,616
South Penn Collieries Co.	782,528	749,374
Temple Coal Co.	337,123	304,682
Estate of Joseph J. Jermyn	306,211	254,847
Price-Pancoast Coal Co.	243,649	233,973
Lackawanna Coal Co., Ltd.	177,430	162,227
Hillside Coal & Iron Co.	150,440	
Seymour Coal Co.	125,180	168,099
Langcliffe Collieries, Inc.	94,146	
Mid-City Coal Co.	86,714	59,463
Racket Brook Coal Co.	74,152	61,688
Lehigh Valley Coal Co.	71,593	72,912
Lackawanna Anthracite Mining Co.	70,440	81,054
Spencer Coal Co.	67,374	69,010
Green Ridge Coal Co.	60,270	60,761
Humbert Coal Co.	57,261	81,383
Moffat Coal Co.	47,721	49,565
Raub Coal Co.	35,139	27,642
John Gibbons Coal Co.	29,100	6,114
Lincoln Coal Co.	27,175	
Meadowside Coal Co.	26,772	46,478
Mine Run Coal Co.	21,160	16,668
Beardslee & Lewis Coal Co.	16,135	24,501
Lackawanna Valley Fuel Co.	15,485	13,020
H. A. Light Co.	15,345	34,076
Flagg Coal Co.	13,728	57,885
D. F. M. Co.	13,131	3,612
Throop Coal Co.	11,939	3,924
West Brook Coal Co.	11,000	26,398
Ampere Coal Co.	10,888	13,725
Childs Coal Co.	9,292	14,860
John J. Barrett	9,000	24,000
Wilson Coal Co.	8,654	4,520
Dunmore Anthracite Coal Co.	7,297	3,225
Murrin Coal Co.	5,400	
Namura Coal Co.	1,558	
Wilson Bros. Co.	1,157	2,491
Spring Brook Coal Co.	758	3,500
Triplex Coal Co.	686	
Pittston Co.		1,607,285
Carova Coal Mining Co.		183,182
Coal & Timber Co.		21,571
Norwesco Mining Co.		10,563
Gap Mining Co.		8,723

Production of Coal—Continued

Operators	Gross Tons	
	1929	1930
LACKAWANNA COUNTY—Cont'd.		
Sindaco Coal Co.		930
Scott, Farber & Consargra		800
Total	15,361,204	13,672,190
LUZERNE COUNTY		
Glen Alden Coal Co.	5,007,143	8,333,987
Lehigh & Wilkes-Barre Coal Co.	4,303,805	
Lehigh Valley Coal Co.	3,861,376	3,780,968
Pennsylvania Coal Co.	2,313,533	
Pittston Co.		2,683,213
Hudson Coal Co.	1,938,663	1,659,479
Susquehanna Collieries Co.	1,761,197	1,627,656
Jeddo-Highland Coal Co.	1,295,525	1,028,948
Coxe Brothers & Co., Inc.	995,718	1,057,352
Kingston Coal Co.	645,998	667,661
Pardee Bros. & Co., Inc.	462,620	450,012
Temple Coal Co.	362,090	330,900
Lehigh Coal & Navigation Co.	358,248	
Lehigh Navigation Coal Co.		343,511
Alden Coal Co.	356,126	326,592
West End Coal Co.	339,524	392,729
Hillside Coal & Iron Co.	329,719	
East Boston Coal Co.	260,289	291,422
Hazle Brook Coal Co.	165,083	
John Conlon Coal Co.	157,578	205,307
Buck Mountain Coal Mining Co.	149,800	141,740
George F. Lee Coal Co.	137,278	146,295
Miners Mills Coal Mining Co.	107,195	108,050
Sandy Run Coal Co.	88,536	74,917
Flanagan Coal Co.	86,837	17,805
Raub Coal Co.	81,283	89,223
Haddock Mining Co.	80,300	
Nanticoke Valley Coal Co.	68,626	79,527
Yatesville Coal Co.	67,789	48,307
Scranton Anthracite Coal Co.	66,383	65,490
Langcliffe Collieries, Inc.	60,443	
M. & M. Coal Co.	54,000	81,887
Pittston Coal Mining Co.	48,597	32,203
E. S. Stackhouse Coal Co.	41,431	35,618
Wolf Collieries Co., Inc.	40,480	37,804
Plymouth Red Ash Coal Co.	39,509	50,599
Lehigh & Wyoming Valley Coal Co.	36,941	
Hillman Colliery Co.	30,500	29,511
Troy Coal Co.	27,468	21,341
Fox Hill Mining Co.	26,880	27,526
Lehigh Coal Co.	22,941	6,235
T. F. Quinn Coal Co.	22,594	27,748
John-Ames Coal Co.	22,023	19,255
Harris-Denly Coal Co.	18,010	12,050
East Alden Mining Co.	17,977	19,046
Suscon Coal Co.	12,667	16,550
R. M. Cranston	10,438	9,420
Plymouth Mining Co.	7,000	15,754
Barry Coal Co.	5,691	15,641
Lynott Coal Co.	4,803	3,500
Cullen Fuel Co.	2,183	
Park Red Ash Coal Co.	400	20,842
Carova Coal Mining Co.		69,831
Rose Coal Co.		10,925
Total	26,401,238	24,514,377

Production of Coal—Continued

Operators	Gross Tons 1929	1930
NORTHUMBERLAND COUNTY		
Phila. & Reading Coal & Iron Co.	2,278,433	2,743,004
Susquehanna Collieries Co.	1,035,665	1,268,243
Colonial Colliery Co.	718,056	732,581
Northumberland Mining Co.	389,485	386,970
Lehigh Valley Coal Co.	321,591	269,870
Excelsior Coal Co.	250,000	242,700
Shamokin Colliery Co.	174,314	
Stevens Coal Co.	61,162	361,482
Steinhart Coal Co.	9,681	21,295
Total	5,238,387	6,026,145
SCHUYLKILL COUNTY		
Phila. & Reading Coal & Iron Co.	5,549,411	5,651,231
Lehigh Coal & Navigation Co.	1,825,832	
Lehigh Navigation Coal Co.		1,679,445
Lehigh Valley Coal Co.	1,056,816	820,188
Pine Hill Coal Co.	763,663	687,946
Hazle Brook Coal Co.	751,606	611,702
Haddock Mining Co.	523,510	476,111
Lytle Coal Co.	458,750	337,721
Lehigh & Wilkes-Barre Coal Co.	431,221	
Glen Alden Coal Co.		505,803
Mill Creek Coal Co.	365,215	411,431
Buck Run Coal Co.	347,958	298,095
Locust Mountain Coal Co.	335,186	249,375
Saint Clair Coal Co.	329,680	302,089
Harleigh-Brookwood Coal Co.	301,750	288,564
Repplier Coal Co.	262,213	302,289
Susquehanna Collieries Co.	218,228	231,550
Thomas Colliery Co.	209,149	153,178
East Bear Ridge Colliery Co.	205,720	193,121
Coxe Brothers & Co., Inc.	202,821	141,574
Sherman Coal Corp.	154,235	177,230
South Penn Collieries Co.	150,124	210,267
Frackville Coal Co.	72,552	75,809
Bell Colliery Co., Inc.	68,206	84,317
Lavelle Coal Co.	31,701	28,620
Strange Coal Co.	25,062	20,660
Black Heath Coal Co.	15,979	8,960
Chestnut Hill Coal Co.	3,794	13,616
Syncline Contracting Co.		33,118
Total	14,660,382	13,993,950
SULLIVAN COUNTY		
Connell Anthracite Mining Co.	86,362	46,477
Northern Anthracite Coal Co.	23,734	
Anthracite Power & Utilities Co.		10,729
Total	110,096	57,206
SUSQUEHANNA COUNTY		
Hudson Coal Co.	65,918	37,783
Hillside Coal & Iron Co.	11,566	
Pittston Co.		43,731
Total	77,484	81,514
WAYNE COUNTY		
Hudson Coal Co.	49,134	93,511
Hillside Coal & Iron Co.	41,000	
Pittston Co.		16,294
Total	90,134	109,805
Grand total	65,165,932	61,407,642

Summary of Statistics

	1929	1930
FIRST DISTRICT		
Number of mines in district	35	35
Number of mines in operation	27	35
Number of gaseous mines in operation		2
Number of non-gaseous mines in operation	27	33
Number of washeries in operation		
Number of tons of coal shipped to market	790,823	1,721,660
Number of tons used at mines for steam and heat	42,552	44,248
Number of tons sold to local trade and used by employes	36,743	57,395
Number of tons produced (gross)	870,118	1,822,703
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines	88,512	295,369
Number of tons produced by mechanical mining	182,761	351,897
Number of persons employed inside	2,046	4,198
Number of persons employed outside	548	827
Number of persons employed inside between 16 and 21 years	137	91
Number of persons employed outside between 14 and 21 years	102	45
Number of fatal accidents inside	7	16
Number of fatal accidents outside		
Number of non-fatal accidents inside, 60 days' disability or more	20	61
Number of non-fatal accidents outside, 60 days' disability or more	2	11
Number of tons of coal produced per fatal accident inside	124,303	113,919
Number of tons produced per fatal accident inside and outside	124,303	113,919
Number of persons employed per fatal accident inside	292	257
Number of persons employed per fatal accident outside		
Number of persons employed per fatal accident inside and outside	371	308
Number of wives made widows	3	10
Number of children made orphans	6	31
Number of gasoline locomotives	3	3
Number of compressed air locomotives		
Number of steam locomotives	13	20
Number of electric battery locomotives	15	16
Number of electric locomotives	48	86
Number of cylindrical boilers	4	4
Number of tubular boilers	33	27
Number of steam engines of all classes	49	66
Number of internal combustion engines (gas)	1	1
Number of electric dynamos	13	18
Number of electric motors (except haulage)	302	528
Number of scraper units	24	47
Number of conveyor units	3	10
Number of loading machines		
Number of air compressors	33	44
Number of pumps of all classes	111	163
Number of pumps delivering water to surface	24	43
Number of fans in use	14	13
SECOND DISTRICT		
Number of mines in district	33	31
Number of mines in operation	32	31
Number of gaseous mines in operation	3	4
Number of non-gaseous mines in operation	29	27
Number of washeries in operation		
Number of tons of coal shipped to market	2,917,870	1,697,960
Number of tons used at mines for steam and heat	147,860	149,601
Number of tons sold to local trade and used by employes	61,988	41,983
Number of tons produced (gross)	3,127,718	1,889,544
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines	264,905	162,061
Number of tons produced by mechanical mining	410,404	232,151
Number of persons employed inside	5,930	4,159
Number of persons employed outside	1,317	983
Number of persons employed inside between 16 and 21 years	221	131
Number of persons employed outside between 14 and 21 years	89	58
Number of fatal accidents inside	22	9
Number of fatal accidents outside	1	3
Number of non-fatal accidents inside, 60 days' disability or more	66	57
Number of non-fatal accidents outside, 60 days' disability or more	7	8
Number of tons of coal produced per fatal accident inside	142,169	209,949
Number of tons produced per fatal accident inside and outside	135,988	157,462
Number of persons employed per fatal accident inside	270	462
Number of persons employed per fatal accident outside	1,317	328
Number of persons employed per fatal accident inside and outside	315	429
Number of wives made widows	16	8
Number of children made orphans	25	22
Number of gasoline locomotives		1
Number of compressed air locomotives		

Summary of Statistics—Continued

	1929	1930
SECOND DISTRICT—Cont'd.		
Number of steam locomotives	24	21
Number of electric battery locomotives	16	12
Number of electric locomotives	111	71
Number of cylindrical boilers		
Number of tubular boilers	51	40
Number of steam engines of all classes	90	70
Number of internal combustion engines (gas)	4	2
Number of electric dynamos	20	14
Number of electric motors (except haulage)	487	341
Number of scraper units	45	31
Number of conveyor units		2
Number of loading machines	4	
Number of air compressors	34	26
Number of pumps of all classes	189	124
Number of pumps delivering water to surface	36	17
Number of fans in use	23	14
THIRD DISTRICT		
Number of mines in district	14	15
Number of mines in operation	14	15
Number of gaseous mines in operation	12	14
Number of non-gaseous mines in operation	2	1
Number of washeries in operation		
Number of tons of coal shipped to market	2,935,375	3,050,790
Number of tons used at mines for steam and heat	182,205	145,187
Number of tons sold to local trade and used by employes	147,952	147,671
Number of tons produced (gross)	3,265,532	3,343,648
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines	41,828	42,724
Number of tons produced by mechanical mining	318,535	460,069
Number of persons employed inside	5,583	5,671
Number of persons employed outside	1,071	975
Number of persons employed inside between 16 and 21 years	184	140
Number of persons employed outside between 14 and 21 years	34	26
Number of fatal accidents inside	18	18
Number of fatal accidents outside	1	
Number of non-fatal accidents inside, 60 days' disability or more	87	82
Number of non-fatal accidents outside, 60 days' disability or more	4	6
Number of tons of coal produced per fatal accident inside	181,418	185,758
Number of tons produced per fatal accident inside and outside	171,870	185,758
Number of persons employed per fatal accident inside	310	315
Number of persons employed per fatal accident outside	1,071	
Number of persons employed per fatal accident inside and outside	350	369
Number of wives made widows	14	16
Number of children made orphans	32	48
Number of gasoline locomotives		
Number of compressed air locomotives		
Number of steam locomotives	11	11
Number of electric battery locomotives	17	17
Number of electric locomotives	100	112
Number of cylindrical boilers		
Number of tubular boilers	38	38
Number of steam engines of all classes	103	101
Number of internal combustion engines (gas)		
Number of electric dynamos	16	16
Number of electric motors (except haulage)	535	573
Number of scraper units	35	54
Number of conveyor units		3
Number of loading machines		
Number of air compressors	18	20
Number of pumps of all classes	151	158
Number of pumps delivering water to surface	24	20
Number of fans in use	16	16
FOURTH DISTRICT		
Number of mines in district	19	19
Number of mines in operation	19	19
Number of gaseous mines in operation	13	13
Number of non-gaseous mines in operation	6	6
Number of washeries in operation		
Number of tons of coal shipped to market	2,141,758	1,839,642
Number of tons used at mines for steam and heat	137,848	116,875
Number of tons sold to local trade and used by employes	193,762	196,623
Number of tons produced (gross)	2,473,368	2,153,140
Number of tons produced by compressed air machines		

Summary of Statistics—Continued

	1929	1930
FOURTH DISTRICT—Cont'd.		
Number of tons produced by electrical machines	194,424	238,552
Number of tons produced by mechanical mining	149,440	129,788
Number of persons employed inside	5,598	5,696
Number of persons employed outside	1,326	1,035
Number of persons employed inside between 16 and 21 years	119	116
Number of persons employed outside between 14 and 21 years	166	136
Number of fatal accidents inside	24	17
Number of fatal accidents outside	2	2
Number of non-fatal accidents inside, 60 days' disability or more	110	58
Number of non-fatal accidents outside, 60 days' disability or more	13	4
Number of tons of coal produced per fatal accident inside	103,057	126,655
Number of tons produced per fatal accident inside and outside	95,130	113,323
Number of persons employed per fatal accident inside	237	335
Number of persons employed per fatal accident outside	663	518
Number of persons employed per fatal accident inside and outside	266	354
Number of wives made widows	18	12
Number of children made orphans	37	26
Number of gasoline locomotives	1	1
Number of compressed air locomotives	-	-
Number of steam locomotives	4	4
Number of electric battery locomotives	7	7
Number of electric locomotives	133	125
Number of cylindrical boilers	-	-
Number of tubular boilers	60	52
Number of steam engines of all classes	106	101
Number of internal combustion engines (gas)	1	1
Number of electric dynamos	23	23
Number of electric motors (except haulage)	436	429
Number of scraper units	9	11
Number of conveyor units	38	50
Number of loading machines	4	-
Number of air compressors	37	34
Number of pumps of all classes	190	207
Number of pumps delivering water to surface	31	31
Number of fans in use	24	24
FIFTH DISTRICT		
Number of mines in district	22	21
Number of mines in operation	20	21
Number of gaseous mines in operation	7	7
Number of non-gaseous mines in operation	13	14
Number of washeries in operation	-	1
Number of tons of coal shipped to market	2,302,952	1,792,617
Number of tons used at mines for steam and heat	98,934	132,792
Number of tons sold to local trade and used by employes	99,943	91,006
Number of tons produced (gross)	2,501,829	2,016,415
Number of tons produced by compressed air machines	-	-
Number of tons produced by electrical machines	176,873	144,158
Number of tons produced by mechanical mining	149,815	594,017
Number of persons employed inside	5,342	5,404
Number of persons employed outside	1,090	1,092
Number of persons employed inside between 16 and 21 years	48	46
Number of persons employed outside between 14 and 21 years	105	100
Number of fatal accidents inside	22	22
Number of fatal accidents outside	3	1
Number of non-fatal accidents inside, 60 days' disability or more	108	66
Number of non-fatel accidents outside, 60 days' disability or more	5	3
Number of tons of coal produced per fatal accident inside	113,720	91,655
Number of tons produced per fatal accident inside and outside	100,073	87,670
Number of persons employed per fatal accident inside	243	246
Number of persons employed per fatal accident outside	363	1,092
Number of persons employed per fatal accident inside and outside	257	279
Number of wives made widows	21	21
Number of children made orphans	45	49
Number of gasoline engines	1	-
Number of compressed air locomotives	-	-
Number of steam locomotives	3	2
Number of electric battery locomotives	2	2
Number of electric locomotives	147	152
Number of cylindrical boilers	-	-
Number of tubular boilers	60	53
Number of steam engines of all classes	46	28
Number of internal combustion engines (gas)	-	-
Number of electric dynamos	23	23
Number of electric motors (except haulage)	640	728
Number of scraper units	9	12

Summary of Statistics—Continued

	1929	1930
FIFTH DISTRICT—Cont'd.		
Number of conveyor units	9	12
Number of loading machines	2	1
Number of air compressors	20	17
Number of pumps of all classes	130	155
Number of pumps delivering water to surface	16	14
Number of fans in use	20	19
SIXTH DISTRICT		
Number of mines in district	30	23
Number of mines in operation	25	23
Number of gaseous mines in operation	10	10
Number of non-gaseous mines in operation	15	13
Number of washeries in operation	1	1
Number of tons of coal shipped to market	2,863,199	2,195,472
Number of tons used at mines for steam and heat	216,861	201,397
Number of tons sold to local trade and used by employes	89,737	82,751
Number of tons produced (gross)	3,169,797	2,479,620
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines	229,448	148,575
Number of tons produced by mechanical mining	250,230	386,673
Number of persons employed inside	5,426	5,504
Number of persons employed outside	1,387	1,430
Number of persons employed inside between 16 and 21 years	213	242
Number of persons employed outside between 14 and 21 years	122	117
Number of fatal accidents inside	21	22
Number of fatal accidents outside	1	1
Number of non-fatal accidents inside, 60 days' disability or more	66	62
Number of non-fatal accidents outside, 60 days' disability or more	10	5
Number of tons of coal produced per fatal accident inside	150,943	112,710
Number of tons produced per fatal accident inside and outside	144,082	107,809
Number of persons employed per fatal accident inside	258	250
Number of persons employed per fatal accident outside	1,387	1,430
Number of persons employed per fatal accident inside and outside	310	301
Number of wives made widows	19	19
Number of children made orphans	59	43
Number of gasoline locomotives		
Number of compressed air locomotives		
Number of steam locomotives	19	19
Number of electric battery locomotives	8	8
Number of electric locomotives	153	155
Number of cylindrical boilers		1
Number of tubular boilers	60	63
Number of steam engines of all classes	101	121
Number of internal combustion engines (gas)		
Number of electric dynamos	20	21
Number of electric motors (except haulage)	409	338
Number of scraper units	24	31
Number of conveyor units	2	12
Number of loading machines	7	1
Number of air compressors	51	52
Number of pumps of all classes	180	205
Number of pumps delivering water to surface	22	24
Number of fans in use	24	19
SEVENTH DISTRICT		
Number of mines in district	31	31
Number of mines in operation	31	31
Number of gaseous mines in operation	10	10
Number of non-gaseous mines in operation	21	21
Number of washeries in operation	2	2
Number of tons of coal shipped to market	1,236,676	1,226,283
Number of tons used at mines for steam and heat	80,489	114,342
Number of tons sold to local trade and used by employes	57,239	79,892
Number of tons produced (gross)	1,374,404	1,420,517
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines	4,922	
Number of tons produced by mechanical mining	107,798	94,030
Number of persons employed inside	3,613	3,471
Number of persons employed outside	991	1,049
Number of persons employed inside between 16 and 21 years	64	120
Number of persons employed outside between 14 and 21 years	138	147
Number of fatal accidents inside	12	12
Number of fatal accidents outside		2
Number of non-fatal accidents inside, 60 days' disability or more	46	52

Summary of Statistics—Continued

	1929	1930
SEVENTH DISTRICT—Cont'd.		
Number of non-fatal accidents outside, 60 days' disability or more	6	4
Number of tons of coal produced per fatal accident inside	114,534	118,376
Number of tons produced per fatal accident inside and outside	114,534	101,466
Number of persons employed per fatal accident inside	301	289
Number of persons employed per fatal accident outside		510
Number of persons employed per fatal accident inside and outside	384	321
Number of wives made widows	9	10
Number of children made orphans	24	21
Number of gasoline locomotives		
Number of compressed air locomotives		
Number of steam locomotives	13	13
Number of electric battery locomotives	4	4
Number of electric locomotives	96	94
Number of cylindrical boilers	6	3
Number of tubular boilers	33	33
Number of steam engines of all classes	72	68
Number of internal combustion engines (gas)		
Number of electric dynamos	19	14
Number of electric motors (except haulage)	276	296
Number of scraper units	14	17
Number of conveyor units	13	26
Number of loading machines	3	1
Number of air compressors	39	34
Number of pumps of all classes	157	140
Number of pumps delivering water to surface	58	46
Number of fans in use	24	18
EIGHTH DISTRICT		
Number of mines in district	28	25
Number of mines in operation	28	25
Number of gaseous mines in operation	19	22
Number of non-gaseoeus mines in operation	9	3
Number of washeries in operation	1	1
Number of tons of coal shipped to market	2,008,654	1,952,840
Number of tons used at mines for steam and heat	195,569	257,783
Number of tons sold to local trade and used by employes	35,835	31,829
Number of tons produced (gross)	2,240,058	2,242,452
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines	198,230	310,600
Number of tons produced by mechanical mining	273,651	395,765
Number of persons employed inside	5,158	5,314
Number of persons employed outside	1,217	1,122
Number of persons employed inside between 16 and 21 years	162	227
Number of persons employed outside between 14 and 21 years	159	96
Number of fatal accidents inside	24	13
Number of fatal accidents outside	1	1
Number of non-fatal accidents inside, 60 days' disability or more	47	56
Number of non-fatal accidents outside, 60 days' disability or more	6	4
Number of tons of coal produced per fatal accident inside	93,336	172,496
Number of tons produced per fatal accident inside and outside	89,602	160,175
Number of persons employed per fatal accident inside	215	409
Number of persons employed per fatal accident outside	1,217	1,122
Number of persons employed per fatal accident inside and outside	255	460
Number of wives made widows	17	11
Number of children made orphans	51	38
Number of gasoline locomotives		
Number of compressed air locomotives		
Number of steam locomotives	8	10
Number of electric battery locomotives		
Number of electric locomotives	159	156
Number of cylindrical boilers		
Number of tubular boilers	93	97
Number of steam engines of all classes	111	108
Number of internal combustion engines (gas)		
Number of electric dynamos	20	16
Number of electric motors (except haulage)	595	684
Number of scraper units	7	7
Number of conveyor units	8	42
Number of loading machines		
Number of air compressors	26	20
Number of pumps of all classes	128	125
Number of pumps delivering water to surface	16	22
Number of fans in use	25	23

Summary of Statistics—Continued

	1929	1930
NINTH DISTRICT		
Number of mines in district	22	21
Number of mines in operation	21	21
Number of gaseous mines in operation	13	14
Number of non-gaseous mines in operation	8	7
Number of washeries in operation		
Number of tons of coal shipped to market	1,707,504	1,468,256
Number of tons used at mines for steam and heat	202,634	196,291
Number of tons sold to local trade and used by employes	75,931	59,883
Number of tons produced (gross)	1,986,069	1,724,430
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines		
Number of tons produced by mechanical mining	22,840	34,377
Number of persons employed inside	3,492	3,575
Number of persons employed outside	931	937
Number of persons employed inside between 16 and 21 years	193	146
Number of persons employed outside between 16 and 21 years	63	64
Number of fatal accidents inside	22	16
Number of fatal accidents outside	1	
Number of non-fatal accidents inside, 60 days' disability or more	72	66
Number of non-fatal accidents outside, 60 days' disability or more	4	6
Number of tons of coal produced per fatal accident inside	90,276	107,777
Number of tons produced per fatal accident inside and outside	86,351	107,777
Number of persons employed per fatal accident inside	159	223
Number of persons employed per fatal accident outside	931	
Number of persons employed per fatal accident inside and outside	192	282
Number of wives made widows	16	10
Number of children made orphans	50	12
Number of gasoline locomotives		
Number of compressed air locomotives		
Number of steam locomotives	7	7
Number of electric battery locomotives	15	17
Number of electric locomotives	46	54
Number of cylindrical boilers	1	1
Number of tubular boilers	53	53
Number of steam engines of all classes	177	170
Number of internal combustion engines (gas)		
Number of electric dynamos	19	22
Number of electric motors (except haulage)	212	234
Number of scraper units	10	13
Number of conveyor units	1	1
Number of loading machines	1	1
Number of air compressors	21	22
Number of pumps of all classes	159	167
Number of pumps delivering water to surface	32	33
Number of fans in use	24	24
TENTH DISTRICT		
Number of mines in district	41	41
Number of mines in operation	38	41
Number of gaseous mines in operation	17	15
Number of non-gaseous mines in operation	21	26
Number of washeries in operation		
Number of tons of coal shipped to market	2,177,249	2,030,323
Number of tons used at mines for steam and heat	202,071	209,752
Number of tons sold to local trade and used by employes	119,673	117,484
Number of tons produced (gross)	2,498,993	2,357,559
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines	39,900	29,602
Number of tons produced by mechanical mining	232,663	216,736
Number of persons employed inside	5,548	5,471
Number of persons employed outside	1,100	1,055
Number of persons employed inside between 16 and 21 years	184	151
Number of persons employed outside between 14 and 21 years	84	110
Number of fatal accidents inside	17	14
Number of fatal accidents outside	1	1
Number of non-fatal accidents inside, 60 days' disability or more	122	125
Number of non-fatal accidents outside, 60 days' disability or more	6	10
Number of tons of coal produced per fatal accident inside	146,999	168,397
Number of tons produced per fatal accident inside and outside	138,833	157,171
Number of persons employed per fatal accident inside	326	391
Number of persons employed per fatal accident outside	1,100	1,055
Number of persons employed per fatal accident inside and outside	369	435
Number of wives made widows	13	14
Number of children made orphans	40	54
Number of gasoline locomotives		1
Number of compressed air locomotives		

Summary of Statistics—Continued

	1929	1930
TENTH DISTRICT—Cont'd.		
Number of steam locomotives	21	22
Number of electric battery locomotives	26	27
Number of electric locomotives	77	74
Number of cylindrical boilers		
Number of tubular boilers	55	53
Number of steam engines of all classes	173	171
Number of internal combustion engines (gas)		
Number of electric dynamos	16	23
Number of electric motors (except haulage)	374	394
Number of scraper units	42	46
Number of conveyor units		4
Number of loading machines		
Number of air compressors	22	24
Number of pumps of all classes	196	191
Number of pumps delivering water to surface	26	23
Number of fans in use	26	26
ELEVENTH DISTRICT		
Number of mines in district	19	16
Number of mines in operation	19	16
Number of gaseous mines in operation	19	16
Number of non-gaseous mines in operation		
Number of washeries in operation	1	1
Number of tons of coal shipped to market	1,815,559	1,807,323
Number of tons used at mines for steam and heat	172,629	171,791
Number of tons sold to local trade and used by employes	318,277	293,907
Number of tons produced (gross)	2,306,465	2,273,021
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines	179	
Number of tons produced by mechanical mining	8,365	47,108
Number of persons employed inside	5,040	4,963
Number of persons employed outside	1,141	867
Number of persons employed inside between 16 and 21 years	363	358
Number of persons employed outside between 14 and 21 years	124	103
Number of fatal accidents inside	13	14
Number of fatal accidents outside		3
Number of non-fatal accidents inside, 60 days' disability or more	82	71
Number of non-fatal accidents outside, 60 days' disability or more	8	7
Number of tons of coal produced per fatal accident inside	177,420	162,359
Number of tons produced per fatal accident inside and outside	177,420	151,354
Number of persons employed per fatal accident inside	388	355
Number of persons employed per fatal accident outside		289
Number of persons employed per fatal accident inside and outside	475	343
Number of wives made widows	11	13
Numbr of children made orphans	31	26
Number of gasoline locomotives		4
Number of compressed air locomotives	10	1
Number of steam locomotives	16	15
Number of electric battery locomotives	9	9
Number of electric locomotives	44	51
Number of cylindrical boilers	1	1
Number of tubular boilers	70	64
Number of steam engines of all classes	313	295
Number of internal combustion engines (gas)		1
Number of electric dynamos	8	26
Number of electric motors (except haulage)	106	232
Number of scraper units	9	1
Number of conveyor units	1	9
Number of loading machines		1
Number of air compressors	20	22
Number of pumps of all classes	165	200
Number of pumps delivering water to surface	18	16
Number of fans in use	24	21
TWELFTH DISTRICT		
Number of mines in district	24	21
Number of mines in operation	24	21
Number of gaseous mines in operation	18	16
Number of non-gaseous mines in operation	6	5
Number of washeries in operation	1	
Number of tons of coal shipped to market	2,795,705	2,335,720
Number of tons used at mines for steam and heat	199,479	177,743
Number of tons sold to local trade and used by employes	220,131	219,718
Number of tons produced (gross)	3,215,315	2,733,181
Number of tons produced by compressed air machines		

Summary of Statistics—Continued

	1929	1930
TWELFTH DISTRICT—Cont'd.		
Number of tons produced by electrical machines	4,204	11,573
Number of tons produced by mechanical mining	69,348	64,992
Number of persons employed inside	6,009	6,286
Number of persons employed outside	1,459	1,319
Number of persons employed inside between 16 and 21 years	282	237
Number of persons employed outside between 14 and 21 years	180	126
Number of fatal accidents inside	23	19
Number of fatal accidents outside	4	2
Number of non-fatal accidents inside, 60 days' disability or more	103	92
Number of non-fatal accidents outside, 60 days' disability or more	9	6
Number of tons of coal produced per fatal accident inside	139,796	143,852
Number of tons produced per fatal accident inside and outside	119,086	130,151
Number of persons employed per fatal accident inside	264	331
Number of persons employed per fatal accident outside	364	660
Number of persons employed per fatal accident inside and outside	279	362
Number of wives made widows	20	17
Number of children made orphans	39	33
Number of gasoline locomotives		
Number of compressed air locomotives	4	
Number of steam locomotives	18	17
Number of electric battery locomotives	21	22
Number of electric locomotives	98	77
Number of cylindrical boilers		
Number of tubular boilers	62	61
Number of steam engines of all classes	370	341
Number of internal combustion engines (gas)		1
Number of electric dynamos	12	13
Number of electric motors (except haulage)	367	405
Number of scraper units	10	14
Number of conveyor units		1
Number of loading machines		
Number of air compressors	23	23
Number of pumps of all classes	150	154
Number of pumps delivering water to surface	17	17
Number of fans in use	23	22
THIRTEENTH DISTRICT		
Number of mines in district	38	37
Number of mines in operation	38	36
Number of gaseous mines in operation	30	28
Number of non-gaseous mines in operation	8	8
Number of washeries in operation		
Number of tons of coal shipped to market	3,939,999	3,392,253
Number of tons used at mines for steam and heat	223,024	270,218
Number of tons sold to local trade and used by employes	104,533	94,295
Number of tons produced (gross)	4,267,556	3,756,746
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines	22,000	35,058
Number of tons produced by mechanical mining	109,422	152,851
Number of persons employed inside	8,024	7,986
Number of persons employed outside	1,718	1,566
Number of persons employed inside between 16 and 21 years	526	570
Number of persons employed outside between 14 and 21 years	261	214
Number of fatal accidents inside	33	24
Number of fatal accidents outside	1	
Number of non-fatal accidents inside, 60 days' disability or more	119	109
Number of non-fatal accidents outside, 60 days' disability or more	14	5
Number of tons of coal produced per fatal accident inside	129,320	156,531
Number of tons produced per fatal accident inside and outside	125,516	156,531
Number of persons employed per fatal accident inside	243	333
Number of persons employed per fatal accident outside	1,718	
Number of persons employed per fatal accident inside and outside	287	396
Number of wives made widows	15	15
Number of children made orphans	37	30
Number of gasoline locomotives	3	3
Number of compressed air locomotives		
Number of steam locomotives	10	10
Number of electric battery locomotives	24	26
Number of electric locomotives	150	157
Number of cylindrical boilers		
Number of tubular boilers	105	95
Number of steam engines of all classes	216	210
Number of internal combustion engines (gas)		
Number of electric dynamos	29	32
Number of electric motors (except haulage)	775	814
Number of scraper units	9	10

Summary of Statistics—Continued

	1929	1930
THIRTEENTH DISTRICT—Cont'd.		
Number of conveyor units	42	44
Number of loading machines		4
Number of air compressors	31	30
Number of pumps of all classes	240	286
Number of pumps delivering water to surface	50	46
Number of fans in use	35	34
FOURTEENTH DISTRICT		
Number of mines in district	64	51
Number of mines in operation	64	51
Number of gaseous mines in operation	57	33
Number of non-gaseous mines in operation	13	18
Number of washeries in operation	2	2
Number of tons of coal shipped to market	3,901,077	3,593,445
Number of tons used at mines for steam and heat	164,490	168,007
Number of tons sold to local trade and used by employes	81,755	103,457
Number of tons produced (gross)	4,147,322	3,864,909
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines		
Number of tons produced by mechanical mining	142,509	8,000
Number of persons employed inside	7,044	6,951
Number of persons employed outside	1,730	1,666
Number of persons employed inside between 16 and 21 years	276	
Number of persons employed outside between 14 and 21 years	167	
Number of fatal accidents inside	34	28
Number of fatal accidents outside	2	2
Number of non-fatal accidents inside, 60 days' disability or more	118	124
Number of non-fatal accidents outside, 60 days' disability or more	9	15
Number of tons of coal produced per fatal accident inside	121,980	138,032
Number of tons produced per fatal accident inside and outside	115,203	128,830
Number of persons employed per fatal accident inside	207	248
Number of persons employed per fatal accident outside	865	833
Number of persons employed per fatal accident inside and outside	244	287
Number of wives made widows	26	19
Number of children made orphans	76	56
Number of gasoline locomotives		
Number of compressed air locomotives	9	
Number of steam locomotives	32	41
Number of electric battery locomotives	26	24
Number of electric locomotives	136	136
Number of cylindrical boilers	1	1
Number of tubular boilers	48	47
Number of steam engines of all classes	86	84
Number of internal combustion engines (gas)	6	6
Number of electric dynamos	14	15
Number of electric motors (except haulage)	636	656
Number of scraper units	13	7
Number of conveyor units	43	
Number of loading machines	2	
Number of air compressors	39	42
Number of pumps of all classes	185	206
Number of pumps delivering water to surface	56	50
Number of fans in use	32	31
FIFTEENTH DISTRICT		
Number of mines in district	46	50
Number of mines in operation	46	50
Number of gaseous mines in operation	23	22
Number of non-gaseous mines in operation	23	28
Number of washeries in operation		
Number of tons of coal shipped to market	3,338,785	2,959,621
Number of tons used at mines for steam and heat	325,136	311,839
Number of tons sold to local trade and used by employes	161,485	136,786
Number of tons produced (gross)	3,825,406	3,408,246
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines		
Number of tons produced by mechanical mining	155,644	130,042
Number of persons employed inside	5,166	4,904
Number of persons employed outside	2,015	1,832
Number of persons employed inside between 16 and 21 years	220	193
Number of persons employed outside between 14 and 21 years	135	104
Number of fatal accidents inside	19	5
Number of fatal accidents outside	5	4
Number of non-fatal accidents inside, 60 days' disability or more	77	72

Summary of Statistics—Continued

	1929	1930
FIFTEENTH DISTRICT—Cont'd.		
Number of non-fatal accidents outside, 60 days' disability or more	22	15
Number of tons of coal produced per fatal accident inside	201,337	681,649
Number of tons produced per fatal accident inside and outside	159,392	378,694
Number of persons employed per fatal accident inside	272	981
Number of persons employed per fatal accident outside	403	458
Number of persons employed per fatal accident inside and outside	299	748
Number of wives made widows	16	5
Number of children made orphans	37	15
Number of gasoline locomotives		
Number of compressed air locomotives		
Number of steam locomotives	79	63
Number of electric battery locomotives	15	14
Number of electric locomotives	63	68
Number of cylindrical boilers		
Number of tubular boilers	95	86
Number of steam engines of all classes	133	124
Number of internal combustion engines (gas)	4	2
Number of electric dynamos	17	29
Number of electric motors (except haulage)	420	482
Number of scraper units		
Number of conveyor units	78	82
Number of loading machines		
Number of air compressors	40	38
Number of pumps of all classes	131	178
Number of pumps delivering water to surface	50	41
Number of fans in use	30	32
SIXTEENTH DISTRICT		
Number of mines in district	45	47
Number of mines in operation	45	46
Number of gaseous mines in operation	15	20
Number of non-gaseous mines in operation	30	26
Number of washeries in operation		1
Number of tons of coal shipped to market	2,028,253	2,157,448
Number of tons used at mines for steam and heat	177,748	168,768
Number of tons sold to local trade and used by employes	101,975	63,956
Number of tons produced (gross)	2,307,976	2,390,172
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines		
Number of tons produced by mechanical mining		
Number of persons employed inside	3,728	3,687
Number of persons employed outside	1,663	1,683
Number of persons employed inside between 16 and 21 years	180	129
Number of persons employed outside between 14 and 21 years	137	123
Number of fatal accidents inside	9	9
Number of fatal accidents outside	2	4
Number of non-fatal accidents inside, 60 days' disability or more	40	63
Number of non-fatal accidents outside, 60 days' disability or more	10	13
Number of tons of coal produced per fatal accident inside	256,442	265,575
Number of tons produced per fatal accident inside and outside	209,816	183,859
Number of persons employed per fatal accident inside	414	410
Number of persons employed per fatal accident outside	831	421
Number of persons employed per fatal accident inside and outside	490	413
Number of wives made widows	9	9
Number of children made orphans	22	15
Number of gasoline locomotives		
Number of compressed air locomotives	5	6
Number of steam locomotives	49	59
Number of electric battery locomotives	12	14
Number of electric locomotives	35	37
Number of cylindrical boilers		
Number of tubular boilers	72	76
Number of steam engines of all classes	97	86
Number of internal combustion engines (gas)	16	16
Number of electric dynamos	11	11
Number of electric motors (except haulage)	362	418
Number of scraper units		
Number of conveyor units		
Number of loading machines		
Number of air compressors	31	29
Number of pumps of all classes	106	158
Number of pumps delivering water to surface	51	44
Number of fans in use	30	28

Summary of Statistics—Continued

	1929	1930
SEVENTEENTH DISTRICT		
Number of mines in district	12	12
Number of mines in operation	11	12
Number of gaseous mines in operation	11	12
Number of non-gaseous mines in operation		
Number of washeries in operation		
Number of tons of coal shipped to market	2,472,006	2,133,935
Number of tons used at mines for steam and heat	103,833	88,139
Number of tons sold to local trade and used by employes	46,530	51,298
Number of tons produced (gross)	2,622,369	2,273,372
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines		
Number of tons produced by mechanical mining		
Number of persons employed inside	3,859	3,890
Number of persons employed outside	1,567	1,599
Number of persons employed inside between 16 and 21 years	151	110
Number of persons employed outside between 14 and 21 years	59	90
Number of fatal accidents inside	7	15
Number of fatal accidents outside		
Number of non-fatal accidents inside, 60 days' disability or more	78	66
Number of non-fatal accidents outside, 60 days' disability or more	26	26
Number of tons of coal produced per fatal accident inside	374,624	151,558
Number of tons produced per fatal accident inside and outside	374,624	151,558
Number of persons employed per fatal accident inside	551	259
Number of persons employed per fatal accident outside		
Number of persons employed per fatal accident inside and outside	775	366
Number of wives made widows	6	10
Number of children made orphans	21	16
Number of gasoline locomotives		
Number of compressed air locomotives		
Number of steam locomotives	35	44
Number of electric battery locomotives	17	12
Number of electric locomotives	84	90
Number of cylindrical boilers	3	3
Number of tubular boilers	25	25
Number of steam engines of all classes	3	3
Number of internal combustion engines (gas)		
Number of electric dynamos	11	11
Number of electric motors (except haulage)	490	560
Number of scraper units		
Number of conveyor units		
Number of loading machines		
Number of air compressors	14	18
Number of pumps of all classes	40	35
Number of pumps delivering water to surface	18	16
Number of fans in use	15	14
EIGHTEENTH DISTRICT		
Number of mines in district	41	39
Number of mines in operation	34	32
Number of gaseous mines in operation	18	23
Number of non-gaseous mines in operation	16	9
Number of washeries in operation	1	1
Number of tons of coal shipped to market	2,156,325	2,022,740
Number of tons used at mines for steam and heat	190,104	127,261
Number of tons sold to local trade and used by employes	130,229	159,287
Number of tons produced (gross)	2,476,658	2,309,288
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines		
Number of tons produced by mechanical mining		3,700
Number of persons employed inside	4,874	4,250
Number of persons employed outside	2,075	1,627
Number of persons employed inside between 16 and 21 years	168	119
Number of persons employed outside between 14 and 21 years	307	221
Number of fatal accidents inside	19	13
Number of fatal accidents outside	1	2
Number of non-fatal accidents inside, 60 days' disability or more	88	68
Number of non-fatal accidents outside, 60 days' disability or more	23	11
Number of tons of coal produced per fatal accident inside	130,350	185,330
Number of tons produced per fatal accident inside and outside	123,883	153,953
Number of persons employed per fatal accident inside	256	327
Number of persons employed per fatal accident outside	2,075	814
Number of persons employed per fatal accident inside and outside	347	392
Number of wives made widows	14	11
Number of children made orphans	37	20
Number of gasoline locomotives	2	3

Summary of Statistics—Continued

	1929	1930
EIGHTEENTH DISTRICT—Cont'd.		
Number of compressed air locomotives	9	9
Number of steam locomotives	48	41
Number of electric battery locomotives	26	26
Number of electric locomotives	57	54
Number of cylindrical boilers		1
Number of tubular boilers	86	72
Number of steam engines of all classes	87	72
Number of internal combustion engines (gas)	2	2
Number of electric dynamos	13	13
Number of electric motors (except haulage)	449	459
Number of scraper units		
Number of conveyor units		2
Number of loading machines		
Number of air compressors	35	34
Number of pumps of all classes	98	104
Number of pumps delivering water to surface	49	45
Number of fans in use	31	26
NINETEENTH DISTRICT		
Number of mines in district	35	37
Number of mines in operation	32	33
Number of gaseous mines in operation	24	24
Number of non-gaseous mines in operation	8	9
Number of washeries in operation		
Number of tons of coal shipped to market	2,408,913	2,470,271
Number of tons used at mines for steam and heat	141,938	97,921
Number of tons sold to local trade and used by employes	78,415	93,718
Number of tons produced (gross)	2,629,266	2,661,910
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines	7,600	
Number of tons produced by mechanical mining	107,760	89,700
Number of persons employed inside	4,069	4,162
Number of persons employed outside	1,480	1,417
Number of persons employed inside between 16 and 21 years	75	56
Number of persons employed outside between 14 and 21 years	244	198
Number of fatal accidents inside	21	38
Number of fatal accidents outside	4	4
Number of non-fatal accidents inside, 60 days' disability or more	124	128
Number of non-fatal accidents outside, 60 days' disability or more	14	20
Number of tons of coal produced per fatal accident inside	125,203	70,050
Number of tons produced per fatal accident inside and outside	105,171	63,379
Number of persons employed per fatal accident inside	194	110
Number of persons employed per fatal accident outside	370	354
Number of persons employed per fatal accident inside and outside	222	133
Number of wives made widows	19	28
Number of children made orphans	23	61
Number of gasoline locomotives	1	2
Number of compressed air locomotives		
Number of steam locomotives	25	22
Number of electric battery locomotives	4	5
Number of electric locomotives	55	58
Number of cylindrical boilers	1	
Number of tubular boilers	52	41
Number of steam engines of all classes	50	41
Number of internal combustion engines (gas)		
Number of electric dynamos	15	11
Number of electric motors (except haulage)	501	528
Number of scraper units	7	7
Number of conveyor units	48	44
Number of loading machines	2	
Number of air compressors	27	27
Number of pumps of all classes	89	86
Number of pumps delivering water to surface	38	35
Number of fans in use	40	38
TWENTIETH DISTRICT		
Number of mines in district	16	17
Number of mines in operation	16	17
Number of gaseous mines in operation	16	17
Number of non-gaseous mines in operation		
Number of washeries in operation		1
Number of tons of coal shipped to market	1,745,423	1,855,698
Number of tons used at mines for steam and heat	294,538	294,925
Number of tons sold to local trade and used by employes	44,620	40,755
Number of tons produced (gross)	2,084,581	2,191,378

Summary of Statistics—Continued

	1929	1930
TWENTIETH DISTRICT—Cont'd.		
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines		
Number of tons produced by mechanical mining		
Number of persons employed inside	3,414	3,596
Number of persons employed outside	1,301	1,342
Number of persons employed inside between 16 and 21 years	156	72
Number of persons employed outside between 14 and 21 years	248	251
Number of fatal accidents inside	11	7
Number of fatal accidents outside		2
Number of non-fatal accidents inside, 60 days' disability or more	74	75
Number of non-fatal accidents outside, 60 days' disability or more	11	10
Number of tons of coal produced per fatal accident inside	189,508	313,054
Number of tons produced per fatal accident inside and outside	189,508	243,486
Number of persons employed per fatal accident inside	310	514
Number of persons employed per fatal accident outside		671
Number of persons employed per fatal accident inside and outside	429	549
Number of wives made widows	6	6
Number of children made orphans	15	3
Number of gasoline locomotives		
Number of compressed air locomotives	14	17
Number of steam locomotives	12	11
Number of electric battery locomotives		
Number of electric locomotives	33	33
Number of cylindrical boilers		
Number of tubular boilers	143	139
Number of steam engines of all classes	137	131
Number of internal combustion engines (gas)		
Number of electric dynamos	6	5
Number of electric motors (except haulage)	142	169
Number of scraper units		
Number of conveyor units		
Number of loading machines		
Number of air compressors	23	22
Number of pumps of all classes	104	100
Number of pumps delivering water to surface	39	39
Number of fans in use	20	18
TWENTY-FIRST DISTRICT		
Number of mines in district	29	29
Number of mines in operation	29	27
Number of gaseous mines in operation	16	16
Number of non-gaseous mines in operation	13	11
Number of washeries in operation		
Number of tons of coal shipped to market	2,290,822	2,126,221
Number of tons used at mines for steam and heat	263,870	209,289
Number of tons sold to local trade and used by employes	65,724	57,574
Number of tons produced (gross)	2,620,416	2,393,084
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines		
Number of tons produced by mechanical mining	65,334	124,868
Number of persons employed inside	4,388	4,223
Number of persons employed outside	1,827	1,711
Number of persons employed inside between 16 and 21 years	136	124
Number of persons employed outside between 14 and 21 years	297	255
Number of fatal accidents inside	17	23
Number of fatal accidents outside	2	2
Number of non-fatal accidents inside, 60 days' disability or more	117	110
Number of non-fatal accidents outside, 60 days' disability or more	11	17
Number of tons of coal produced per fatal accident inside	154,142	104,047
Number of tons produced per fatal accident inside and outside	137,917	95,723
Number of persons employed per fatal accident inside	258	184
Number of persons employed per fatal accident outside	914	856
Number of persons employed per fatal accident inside and outside	327	237
Number of wives made widows	15	16
Number of children made orphans	40	26
Number of gasoline locomotives		
Number of compressed air locomotives	13	13
Number of steam locomotives	42	27
Number of electric battery locomotives	5	6
Number of electric locomotives	57	61
Number of cylindrical boilers		
Number of tubular boilers	97	88
Number of steam engines of all classes	106	90
Number of internal combustion engines (gas)		
Number of electric dynamos	17	17
Number of electric motors (except haulage)	272	298

Summary of Statistics—Continued

	1929	1930
TWENTY-FIRST DISTRICT—Cont'd.		
Number of scraper units	15	34
Number of conveyor units	2	5
Number of loading machines		
Number of air compressors	30	31
Number of pumps of all classes	85	77
Number of pumps delivering water to surface	28	26
Number of fans in use	18	18
TWENTY-SECOND DISTRICT		
Number of mines in district	27	28
Number of mines in operation	27	26
Number of gaseous mines in operation	26	25
Number of non-gaseous mines in operation	1	1
Number of washeries in operation		
Number of tons of coal shipped to market	1,874,446	1,892,470
Number of tons used at mines for steam and heat	244,480	204,798
Number of tons sold to local trade and used by employes	68,747	55,624
Number of tons produced (gross)	2,187,673	2,152,892
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines		
Number of tons produced by mechanical mining		
Number of persons employed inside	3,722	3,807
Number of persons employed outside	1,341	1,438
Number of persons employed inside between 16 and 21 years	157	78
Number of persons employed outside between 14 and 21 years	240	172
Number of fatal accidents inside	10	12
Number of fatal accidents outside	1	2
Number of non-fatal accidents inside, 60 days' disability or more	56	98
Number of non-fatal accidents outside, 60 days'disability or more	9	17
Number of tons of coal produced per fatal accident inside	218,767	179,408
Number of tons produced per fatal accident inside and outside	198,879	153,778
Number of persons employed per fatal accident inside	372	317
Number of persons employed per fatal accident outside	1,341	719
Number of persons employed per fatal accident inside and outside	460	375
Number of wives made widows	9	10
Number of children made orphans	22	24
Number of gasoline locomotives		
Number of compressed air locomotives	7	4
Number of steam locomotives	21	35
Number of electric battery locomotives	11	14
Number of electric locomotives	61	61
Number of cylindrical boilers		
Number of tubular boilers	69	72
Number of steam engines of all classes	69	73
Number of internal combustion engines (gas)		1
Number of electric dynamos	14	13
Number of electric motors (except haulage)	304	371
Number of scraper units		
Number of conveyor units		
Number of loading machines		
Number of air compressors	33	29
Number of pumps of all classes	64	77
Number of pumps delivering water to surface	29	31
Number of fans in use	25	27
TWENTY-THIRD DISTRICT		
Number of mines in district	19	20
Number of mines in operation	19	20
Number of gaseous mines in operation	14	16
Number of non-gaseous mines in operation	5	4
Number of washeries in operation		
Number of tons of coal shipped to market	2,520,071	3,142,729
Number of tons used at mines for steam and heat	221,020	139,249
Number of tons sold to local trade and used by employes	50,492	38,823
Number of tons produced (gross)	2,791,583	3,320,801
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines	25,974	5,353
Number of tons produced by mechanical mining	299,336	215,384
Number of persons employed inside	4,650	4,903
Number of persons employed outside	1,415	1,305
Number of persons employed inside between 16 and 21 years	188	160
Number of persons employed outside between 14 and 21 years	252	228
Number of fatal accidents inside	14	18
Number of fatal accidents outside	4	1

Summary of Statistics—Continued

	1929	1930
TWENTY-THIRD DISTRICT—Cont'd.		
Number of non-fatal accidents inside, 60 days' disability or more	97	131
Number of non-fatal accidents outside, 60 days' disability or more	8	17
Number of tons of coal produced per fatal accident inside	199,399	184,489
Number of tons produced per fatal accident inside and outside	155,088	174,779
Number of persons employed per fatal accident inside	332	272
Number of persons employed per fatal accident outside	354	1,305
Number of persons employed per fatal accident inside and outside	337	327
Number of wives made widows	10	15
Number of children made orphans	24	38
Numbr of gasoline locomotives		
Number of compressed air locomotives		
Number of steam locomotives	23	18
Number of electric battery locomotives	11	16
Number of electric locomotives	54	63
Number of cylindrical boilers	2	2
Number of tubular boilers	51	34
Number of steam engines of all classes	39	14
Number of internal combustion engines (gas)		
Number of electric dynamos	8	8
Number of electric motors (except haulage)	435	775
Number of scraper units	48	41
Number of conveyor units	50	34
Number of loading machines	1	1
Number of air compressors	18	15
Number of pumps of all classes	99	110
Number of pumps delivering water to surface	38	37
Number of fans in use	34	29
TWENTY-FOURTH DISTRICT		
Number of mines in district	25	21
Number of mines in operation	25	19
Number of gaseous mines in operation	10	7
Number of non-gaseous mines in operation	15	12
Number of washeries in operation	1	1
Number of tons of coal shipped to market	1,858,129	2,161,498
Number of tons used at mines for steam and heat	144,820	123,713
Number of tons sold to local trade and used by employes	122,264	150,263
Number of tons produced (gross)	2,125,213	2,435,474
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines		19,358
Number of tons produced by mechanical mining	4,110	65,508
Number of persons employed inside	3,244	2,941
Number of persons employed outside	1,374	1,351
Number of persons employed inside between 16 and 21 years	69	57
Number of persons employed outside between 14 and 21 years		180
Number of fatal accidents inside	8	8
Number of fatal accidents outside		1
Number of non-fatal accidents inside, 60 days' disability or more	77	90
Number of non-fatal accidents outside, 60 days' disability or more	9	13
Number of tons of coal produced per fatal accident inside	265,651	304,433
Number of tons produced per fatal accident inside and outside	265,651	270,608
Number of persons employed per fatal accident inside	405	368
Number of persons employed per fatal accident outside		1,351
Number of persons employed per fatal accident inside and outside	577	477
Number of wives made widows	3	8
Number of children made orphans	4	24
Number of gasoline locomotives	1	1
Number of compressed air locomotives		
Number of steam locomotives	10	10
Number of electric battery locomotives	2	2
Number of electric locomotives	44	42
Number of cylindrical boilers		
Number of tubular boilers	72	59
Number of steam engines of all classes	57	43
Number of internal combustion engines (gas)	38	
Number of electric dynamos	8	5
Number of electric motors (except haulage)	228	218
Number of scraper units	1	
Number of conveyor units	2	17
Number of loading machines		
Number of air compressors	13	9
Number of pumps of all classes	66	46
Number of pumps delivering water to surface	36	32
Number of fans in use	22	17

Summary of Statistics—Continued

	1929	1930
TWENTY-FIFTH DISTRICT		
Number of mines in district	18	18
Number of mines in operation	18	12
Number of gaseous mines in operation	18	12
Number of non-gaseous mines in operation		
Number of washeries in operation	2	1
Number of tons of coal shipped to market	1,733,882	1,456,870
Number of tons used at mines for steam and heat	258,095	246,508
Number of tons sold to local trade and used by employes	58,270	89,762
Number of tons produced (gross)	2,050,247	1,793,140
Number of tons produced by compressed air machines		
Number of tons produced by electrical machines		
Number of tons produced by mechanical mining		
Number of persons employed inside	3,894	3,878
Number of persons employed outside	1,417	1,323
Number of persons employed inside between 16 and 21 years	174	132
Number of persons employed outside between 14 and 21 years	195	195
Number of fatal accidents inside	19	12
Number of fatal accidents outside		
Number of non-fatal accidents inside, 60 days' disability or more	73	68
Number of non-fatal accidents outside, 60 days' disability or more	16	8
Number of tons of coal produced per fatal accident inside	107,907	149,429
Number of tons produced per fatal accident inside and outside	107,907	149,429
Number of persons employed per fatal accident inside	205	323
Number of persons employed per fatal accident outside		
Number of persons employed per fatal accident inside and outside	279	433
Number of wives made widows	16	9
Number of children made orphans	34	19
Number of gasoline locomotives		
Number of compressed air locomotives	4	4
Number of steam locomotives	17	17
Number of electric battery locomotives	4	5
Number of electric locomotives	49	47
Number of cylindrical boilers		
Number of tubular boilers	79	79
Number of steam engines of all classes	52	55
Number of internal combustion engines (gas)		
Number of electric dynamos	13	19
Number of electric motors (except haulage)	218	347
Number of scraper units		
Number of conveyor units		
Number of loading machines		
Number of air compressors	20	16
Number of pumps of all classes	71	59
Number of pumps delivering water to surface	23 & Tanks	17
Number of fans in use	33	33

Table 1—Operators, Location of Collieries, Railroads, 1930

Operators and Collieries	District	County	General Superintendent	Post Office	Superintendent	Post Office Address of Colliery	Railroad to Colliery
Alden Coal Co.							
Alden	14	Luzerne	W. S. Norton	Nanticoke	W. S. Norton	Nanticoke	C. R. R. of N. J.
Alden Washery	14	Luzerne	"	"	"	"	"
Ampere Coal Co.							
Radiant Mine	2	Lackawanna	Frank Carlucci	Scranton			Trucks to D. & H.
Anthracite Power & Utilities Co.							
Murray	10	Sullivan			M. R. Evans	Murray	L. V.
John J. Barrett							
Dana Slope	1	Lackawanna	John J. Barrett	Archbald	John J. Barrett	Archbald	D. L. & W.
Barry Coal Co.							
East Boston	12	Luzerne	W. T. Payne	Kingston	W. Schumacher	Kingston	None
Beardslee & Lewis Coal Co.							
Stone Quarry	1	Lackawanna	John S. Rees	Peckville	John S. Rees	Peckville	None
Bell Colliery Co.							
Bell	18	Schuylkill	James J. McDonald	Tuscarora	James J. McDonald	Tuscarora	Reading
Black Heath Coal Co.							
Black Heath	19	Schuylkill	James G. Scott	Minersville	James G. Scott	Minersville	Trucks
Buck Mountain Coal Mining Co.							
Gowen	15	Luzerne	Sol. Jenkins	Fern Glen	Sol. Jenkins	Fern Glen	Pennsylvania
Buck Run Coal Co.							
Buck Run	19	Schuylkill	James B. Neale	Buck Run	B. H. Hay	Buck Run	Reading
Carova Coal Mining Co.							
Boland	1	Lackawanna	Jos. Barna	Scranton	Vincenzo DeAngelis	Jermyn	D. & H.
Tappans Mine	2	Lackawanna	Charles Moore	Archbald			D. & H.
Langcliffe	7	Luzerne	Jos. Barna	Scranton	H. W. Rivenburg	Avoca	D. & H.; Erie
Chestnut Hill Coal Co.							
Chestnut Hill	18	Schuylkill	Thomas B. Bergen	Pottsville	James Grace	Pottsville	Reading
Childs Coal Co.							
Winton	1	Lackawanna	Frank Passarelli	Scranton	Frank Passarelli	Winton	D. L. & W.
Coal & Timber Co.							
Slope	1	Lackawanna	George Hudak	Jessup	John Hudak	Jessup	D. L. & W.
Colonial Colliery Co.							
Colonial	23	Northumberland	T. R. Jones	Frackville	George J. Jones	Natalie	Pennsylvania; Reading
John Conlon Coal Co.							
Madeira	10	Luzerne	John Conlon	Hudson	John Conlon, Jr.	Hudson	D. & H.; Erie
Keystone	10	Luzerne	John Conlon	Hudson	John Conlon, Jr.	Hudson	Erie
Connell Anthracite Mining Co.							
Connell	10	Sullivan	A. Widdowfield	Scranton	T. V. McLaughlin	Mildred	L. V.
Coxe Bros. & Co., Inc.							
Drifton	15	Luzerne	A. B. Jessup	Jeddo	Delwin Wolfe, Inside	Jeddo	L. V.

Eckley & Buck Mountain	15	Luzerne	A. B. Jessup	Jeddo	J. Steidle, Outside	Jeddo	L. V.
Deringer & Tomhicken	15	Luzerne	A. B. Jessup	Jeddo	J. Steidle, Outside	Jeddo	L. V.
Beaver Meadow	16	Carbon	A. B. Jessup	Jeddo	D. S. Wolfe	Jeddo	L. V.
Oneida	16	Schuylkill	A. B. Jessup	Jeddo	D. S. Wolfe	Jeddo	L. V.
R. M. Cranston							
Cranston	8	Luzerne	R. M. Cranston	Kingston	R. M. Cranston	Kingston	Truck
D. F. M. Mining Co.							
D. F. M. Mine	2	Lackawanna	James Marcelli	Jessup			Erie
Dunmore Anthracite Coal Co.							
Dunmore	6	Lackawanna	M. J. Boychuk	Dunmore			Truck
East Alden Mining Co.							
East Alden	14	Luzerne	A. F. Connell	Kingston	A. F. Connell	Nanticoke	L. V.
East Bear Ridge Colliery Co.							
East Bear Ridge	22	Schuylkill	W. P. Jennings	Scranton	I. D. Thomas	Mahanoy Plane	Reading
East Boston Coal Co.							
East Boston	10	Luzerne	W. T. Payne	Kingston	Howard Reilly	Kingston	L. V.; D. L. & W.; D. & H.; Pennsylvania
Evans Colliery Co.							
Evans	16	Carbon	Thomas Stratford	Hazleton	Thomas Stratford	Hazleton	L. V.
Excelsior Coal Co.							
Corbin	24	Northumberland	George W. Robertson	Shamokin	John P. Reighard	Excelsior	Reading
Flagg Coal Co.							
Spring Brook	7	Lackawanna	John A. Taylor	Peckville	John A. Taylor	Moosic	
Flanagan Coal Co.							
No. 14 Washery	8	Luzerne	William Hawke	Pittston			Erie
Fox Hill Mining Co.							
Fox Hill	10	Luzerne	Wm. D. Powell	Forty Fort	Wm. D. Powell	Plainsville	
Frackville Coal Co.							
Lucanna	18	Schuylkill	Daniel J. Slattery	Silver Creek	Daniel J. Slattery	Cumbola	Reading
Gap Mining Co.							
Radiant	2	Lackawanna	M. E. Keeler	Jermyn			Truck to D. & H.
John Gibbons Coal Co.							
Gibbons	5	Lackawanna	Joseph M. Gallagher	Scranton			D. L. & W.; D. & H.
Glen Alden Coal Co.[1]							
Diamond	3	Lackawanna	S. D. Dimmick	Scranton	Samuel Harrison	Scranton	D. L. & W.
Pyne	4	Lackawanna	"	"	William F. Powell	Taylor	D. L. & W.
Taylor	4	Lackawanna	"	"	Frank A. Gleason	Taylor	D. L. & W.
Archbald	5	Lackawanna	"	"	William F. Powell	Scranton	D. L. & W.
Baker	5	Lackawanna	"	"	T. Lester Oliver	Scranton	D. L. & W.
Hyde Park	5	Lackawanna	"	"	W. J. Davis	Scranton	D. L. & W.
Storrs	5	Lackawanna	"	"	J. L. Reynolds	Dickson City	D. L. & W.
Hampton Plants	5	Lackawanna	"	"	C. R. Seem	Scranton	D. L. & W.
Hallstead	7	Lackawanna	"	"	F. A. Gleason	Duryea	D. L. & W.
Pettebone	10	Lackawanna	"	"	H. E. Pearce	Kingston	D. L. & W.
Hollenback	11	Luzerne	"	"	D. J. Joseph	Wilkes-Barre	C. R. R. of N. J.
S. Wilkes-Barre	11	Luzerne	"	"	W. L. Davis	Wilkes-Barre	C. R. R. of N. J.

Table 1—Operators, Location of Collieries, Railroads, 1930—Continued

Operators and Collieries	District	County	General Superintendent	Post Office	Superintendent	Post Office Address of Colliery	Railroad to Colliery
Glen Alden Coal Co.—Cont'd.							
Stanton	11	Luzerne	S. D. Dimmick	Scranton	D. J. Joseph	Wilkes-Barre	C. R. R. of N. J.
Lance No. 11	12	Luzerne	"	"	R. G. Carpenter	Plymouth	D. L. & W.; C. R. R. of N. J.
Nottingham No. 15	12	Luzerne	"	"	R. G. Carpenter	Plymouth	D. L. & W.; C. R. R. of N. J.
Woodward	12	Luzerne	"	"	H. N. Smith	Kingston	D. L. & W.
Truesdale	13	Luzerne	Edward Griffith	Wilkes-Barre	David Girvan	Nanticoke	D. L. & W.
Loomis	13	Luzerne	Edward Griffith	Wilkes-Barre	G. P. Troutman	Kingston	D. L. & W.
Maxwell	13	Luzerne	Edward Griffith	Wilkes-Barre	Thomas R. Gambold	Ashley	C. R. R. of N. J.
Buttonwood	13	Luzerne	Edward Griffith	Wilkes-Barre	W. F. Davis	Wilkes-Barre	C. R. R. of N. J.
Sugar Notch	13	Luzerne	Edward Griffith	Wilkes-Barre	Thomas R. Gambold	Ashley	C. R. R. of N. J.
Avondale	13	Luzerne	A. E. Yetter	Scranton	John Mould	Kingston	D. L. & W.
Grand Tunnel	13	Luzerne	A. E. Yetter	Scranton	John Mould	Kingston	Pennsylvania
Nanticoke Power Plant	13	Luzerne	Edward Griffith	Wilkes-Barre	F. C. Nicholson	Wilkes-Barre	D. L. & W.
Auchineloss	14	Luzerne	S. D. Dimmick	Scranton	G. P. Troutman	Nanticoke	D. L. & W.
Bliss	14	Luzerne	S. D. Dimmick	Scranton	Harry Goulston	Wilkes-Barre, R. F. D. 1	D. L. & W.
Wanamie	14	Luzerne	S. D. Dimmick	Scranton	T. J. Phillips	Wanamie	C. R. R. of N. J.
Audenried	16	Schuylkill	Edward Griffith	Wilkes-Barre	Walter Fahringer	Audenried	C. R. R. of N. J.
Green Ridge Coal Co.							
Green Ridge	4	Lackawanna	David Lloyd	Scranton		Scranton	Erie
Haddock Mining Co.							
Candlemas	16	Schuylkill	John Walsh	Kingston	F. H. Alderson	Haddock	Reading
Salem Hill	18	Schuylkill	John C. Haddock	Wilkes-Barre	George B. Jones	Pottsville	Reading
Harleigh-Brookwood Coal Co.							
Lawrence	22	Schuylkill	E. H. Suender	Frackville	E. D. Straub	Frackville	Pennsylvania; Reading
Harris-Denly Coal Co.							
Kintz	9	Luzerne	Wm. Harris	Forty-Fort	Wm. Harris	Pittston	Truck to D. L. & W.; L. V.
Hazle Brook Coal Co.							
Maryd	18	Schuylkill	A. B. Jessup	Jeddo	E. J. Decker	Maryd	Reading; C. R. R. of N. J.
Raven Run	21	Schuylkill	A. B. Jessup	Jeddo	Walter Williams, Outside	Raven Run	
					Ralph Unger, Inside	Raven Run	Reading; L. V.
Girard	22	Schuylkill	A. B. Jessup	Jeddo	C. F. Snyder	Girardville	Reading
Midvalley	22	Columbia	A. B. Jessup	Jeddo	Peter Shovlin	Wilburton	L. V.
Westwood	25	Schuylkill	A. B. Jessup	Jeddo	Ralph Unger	Tremont	Reading
Hillman Colliery Co.							
Hillman	11	Luzerne	E. M. Flynn	Wilkes-Barre			L. V.

Hudson Coal Co.							
Clinton	1	Lackawanna, Wayne, Susquehanna	Cadwallader Evans, Jr.	Scranton	F. L. Zollinger	Vandling	D. & H.; Erie
Jermyn	1	Lackawanna	"	Scranton	A. J. Weigand	Jermyn	"
Powderly	1	Lackawanna	"	Scranton	Edison Thomas	Carbondale	"
Coal Brook	2	Lackawanna	"	Scranton	Evan Williams	Carbondale	"
Gravity Slope	2	Lackawanna	"	Scranton	Seth T. Reese	Archbald	"
Eddy Creek	3	Lackawanna	"	Scranton	Edward Manning	Olyphant	"
Marvine	3	Lackawanna	"	Scranton	K. S. Hughes	Scranton	"
Olyphant	6	Lackawanna	"	Scranton	Edward Manning	Olyphant	"
Laflin	7	Luzerne	"	Scranton	Thos. Coates	Laflin	"
Pine Ridge	10	Luzerne	"	Scranton	James Dixon	Miners Mills	"
Baltimore No. 5	11	Luzerne	"	Scranton	James Campbell	Parsons	"
Lorce No. 5	12	Luzerne	"	Scranton	K. A. Lambert	Plymouth	"
Humbert Coal Co.							
Humbert	1	Lackawanna	M. J. Loftus	Jessup	M. J. Loftus	Jessup	Erie
Jeddo-Highland Coal Co.							
Jeddo No. 4 & Ebervale	15	Luzerne	A. B. Jessup	Jeddo	Jacob Steidle, Outside	Jeddo	L. V.
Jeddo No. 7	15	Luzerne	A. B. Jessup	Jeddo	James Renshaw, Inside	Jeddo	L. V.
Highland No. 2	15	Luzerne	A. B. Jessup	Jeddo	James Connors, Inside	Jeddo	L. V.
Highland No. 5	15	Luzerne	A. B. Jessup	Jeddo	Patrick J. Marley, Inside	Jeddo	L. V.
Estate of Joseph J. Jermyn							
Jermyn	4	Lackawanna	John P. Corcoran	Old Forge		Old Forge	Erie, L. V.; D. L. & W.
John-Ames Coal Co.							
Franklin Washery	11	Luzerne	T. A. John	Forty Fort	T. A. John	Wilkes-Barre	L. V.
Junedale Coal Co.[2]							
Coleraine Washery	16	Carbon	James Boyle	Freeland	James Boyle	Freeland	C. R. R. of N. J.; Reading; L. V.
Kingston Coal Co.							
Kingston No. 4	8	Luzerne	T. H. Williams	Kingston	Thos. M. Martin	Edwardsville	Pennsylvania; D. & H.; L. V.; D. L. & W.
Gaylord	12	Luzerne	T. H. Williams	Kingston	Thos. M. Martin	Plymouth	Pennsylvania; D. & H.; C. R. R. o N. J.; D. L. & W
Kingston No. 2	12	Luzerne	T. H. Williams	Kingston	Shaddrach Dodd	Edwardsville	Pennsylvania; D. L. & W.; D. & H.; C. R. R. of N. J.; L. V.
Lackawanna Anthracite Mining Co.							
Richmondale	1	Lackawanna	Harry Rubin	Carbondale	Thomas Gillen	Carbondale	N. Y. O. & W.

Table 1—Operators, Location of Collieries, Railroads, 1930—Continued

Operators and Collieries	District	County	General Superintendent	Post Office	Superintendent	Post Office Address of Colliery	Railroad to Colliery
Lackawanna Coal Co.							
Lackawanna	6	Lackawanna	W. P. Jennings	Scranton	J. P. McAndrew	Blakely	Erie
Lackawanna Valley Fuel Co.							
Old Buffalo	1	Lackawanna	George H. Montgomery	Carbondale	George H. Montgomery	Carbondale	N. Y. O. & W.
Childs	2	Lackawanna	George H. Montgomery	Carbondale			N. Y. O. & W.
Throop Washery	6	Lackawanna	Wm. T. Payne	Kingston	J. Carroll	Dickson City	N. Y. O. & W.
Lavelle Coal Co.							
Bickle (Mowrey)	22	Schuylkill	George Quinton	Mowrey	George Quinton	Mowrey	Reading
George F. Lee Coal Co.							
Chauncey	13	Luzerne	George F. Lee	Wilkes-Barre	Fuller Reynolds	Plymouth	D. L. & W.
Lehigh Coal Co.							
Hazle Mountain	15	Luzerne	W. C. McColloch	Scranton			Pennsylvania
Lehigh Navigation Coal Co.[3]							
Cranberry	16	Luzerne	T. D. Lewis	Lansford	A. L. Walbridge	Hazleton	L. V.
Nesquehoning	17	Carbon	T. D. Lewis	Lansford	F. B. Nold	Lansford	C. R. R. of N. J.; L. & N. E.
Lansford	17	Carbon	T. D. Lewis	Lansford	D. C. Helms	Lansford	C. R. R. of N. J.; L. & N. E.
Coaldale	17	Carbon, Schuylkill	T. D. Lewis	Lansford	Evan Evans	Lansford	C. R. R. of N. J.; L. & N. E.
Greenwood	17	Schuylkill	T. D. Lewis	Lansford	J. L. Richards	Summit Hill	C. R. R. of N. J.; L. & N. E.
Rahn	17	Schuylkill	T. D. Lewis	Lansford	T. J. Evans	Coaldale	C. R. R. of N. J.; L. & N. E.
Alliance	18	Schuylkill	T. D. Lewis	Lansford	C. D. Rubert	Coaldale	L. & N. E.
Tamaqua	18	Schuylkill	T. D. Lewis	Lansford	D. K. Glover	Kaska	Reading

Lehigh Valley Coal Co.							
Broadwell	7	Lackawanna	F. H. Wagner	Wilkes-Barre	W. A. Reutelhuber	Wilkes-Barre	D. & H.
Heidelberg	7	Luzerne	"	"	"	"	
Seneca	7	Luzerne	"	"	"	"	
William A.	7	Luzerne	"	"	"	"	
Prospect	9	Luzerne	"	"	John H. Haertter	"	
Exeter	9	Luzerne	"	"	G. P. Gallagher	Pittston	
Westmoreland	9	Luzerne	"	"	N. L. Fetterman	Wyoming	
Maltby	9	Luzerne	"	"	N. L. Fetterman	Swoyersville	
Prospect (Henry)	10	Luzerne	"	"	J. H. Haertter	Wilkes-Barre	
Mineral Spring	10	Luzerne	"	"	J. H. Haertter	Wilkes-Barre	
Dorrance	11	Luzerne	"	"	K. F. Arbogast	Wilkes-Barre	
Franklin	11	Luzerne	"	"	K. F. Arbogast	Wilkes-Barre	
Warrior Run	13	Luzerne	"	"	J. H. Haertter	Kingston	
Hazleton No. 1	15	Luzerne	"	"	R. A. Evans	Hazleton	L. V.
Hazleton Shaft & Stockton	15	Luzerne	"	"	R. A. Evans	Hazleton	
Spring Mountain	16	Luzerne	"	"	R. A. Evans	Hazleton	
Spring Brook	16	Carbon	"	"	R. A. Evans	Hazleton	
Humboldt	16	Luzerne	"	"	R. A. Evans	Hazleton	
Buck Mountain	18	Schuylkill	"	"	John W. Price	Mahanoy City	
Park	20	Schuylkill	"	"	John W. Price	Park Place	
Springdale Washery	20	Schuylkill	"	"	John W. Price	Mahanoy City	
Packer No. 4	21	Schuylkill	"	"	E. O. Holderman	Lost Creek	
Packer No. 5	21	Schuylkill	"	"	Hayden Owens	Lost Creek	
Centralia	22	Columbia	"	"	H. J. Heffner	Centralia	
Sayre	22	North'd	"	"	H. J. Heffner	Centralia	
H. A. Light Co.							
Stripping	2	Lackawanna	H. A. Light				Truck to Sterrick Creek Breaker
Locust Mountain Coal Co.							
Weston	21	Schuylkill	B. H. Stockett	Shenandoah	J. D. Lewis	Shenandoah	L. V.
Lynott Coal Co.							
Stripping	8	Luzerne	Thomas Lynott	Pittston	Thomas Lynott	Pittston	Truck
Lytle Coal Co.							
Lytle	19	Schuylkill	C. A. Gibbons	Wilkes-Barre	E. Y. Randall	Minersville	Pennsylvania; Reading
Mary G. Coal Co.[4]							
Coleraine Washery	16						
Meadowside Coal Co.							
Meadowside	6	Lackawanna	J. O. Christian	Scranton			Erie; D. L. & W.
Mid-City Coal Co.							
Bulls Head	3	Lackawanna	Jay Law	Scranton	Jay Law, Outside James Harper, Inside	Scranton	Wagon to N. Y. O. & W.
Mill Creek Coal Co.							
Morea	18	Schuylkill	E. H. Suender	Frackville	M. B. Holder	Morea	Pennsylvania; L. V.
M. & M. Coal Co.							
Clifford	7	Luzerne	William L. Jones	West Pittston	William L. Jones	Avoca	Erie

Table 1—Operators, Location of Collieries, Railroads, 1930—Continued

Operators and Collieries	District	County	General Superintendent	Post Office	Superintendent	Post Office Address of Colliery	Railroad to Colliery
Miners Mills Coal Mining Co.							
East Boston	10	Luzerne	Gwillym Edwards	Luzerne	R. Bruce Weir	Wyoming	L. V.
Mine Run Coal Co.							
Devil's Eyebrow	1	Lackawanna	Vincenzo DeAngelis	Jermyn	Vincenzo DeAngelis	Jermyn	D. & H.
Harry L. Mitchneck							
Clift	16	Columbia	William Hughes	Mainville		Scotch Valley	Pennsylvania
Moffat Coal Co.							
Moffat	5	Lackawanna	Robert Y. Moffat	Dunmore	P. J. Conaboy	Scranton	L. & W. V.
Nanticoke Valley Coal Co.							
Washery	14	Luzerne	Nat. D. Stevens	Wilkes-Barre	Nat. D. Stevens	Nanticoke	Pennsylvania
Nay-But Coal Co.							
Nay-But	16	Columbia	Arthur Button	Mainville	Arthur Button	Mainville	Pennsylvania
Northumberland Mining Co.							
Enterprise	24	North'd	H. D. Kynor	Excelsior	H. D. Kynor	Excelsior	Reading
Norwesco Mining Co.							
Northwest	1	Lackawanna	Jos. Barna	Scranton	Chas. Enkelenko	Simpson	Erie
Pardee Bros. & Co., Inc.							
Lattimer	15	Luzerne	B. C. Osler	Lattimer Mines			L. V.
Beaver Brook	16	Luzerne	B. C. Osler	Lattimer Mines	Richard Long	Hazleton	L. V.
Park Red Ash Coal Co.							
Park Red Ash	11	Luzerne	D. J. Davis	Kingston			C. R. R. of N. J.

Philadelphia & Reading Coal & Iron Co.							
Silver Creek	18	Schuylkill	J. R. Sharp	Pottsville	Thos. Quinn	Silver Creek	
Wadesville	18	"	" "	"	Thomas Davis	Pottsville, R. F. D. 3	
Eagle Hill	18	"	" "	"	Thomas Wengling	Pottsville, R. F. D. 3	
Reevesdale	18	"	" "	"	Wm. Fellows	Tamaqua, R. F. D. 1	
Otto	19	"	" "	"	Harry Lorenz	Branchdale	
Pine Knot	19	"	" "	"	D. L. Freller	Pottsville, R. F. D. 2	
Ellangowan	20	"	" "	"	Ralph E. Kirk	Shenandoah	
Maple Hill	20	"	" "	"	" " "	"	
Tunnel Ridge	20	"	" "	"	" " "	Mahanoy City	
Mahanoy City	20	"	" "	"	" " "	" "	
North Mahanoy	20	"	" "	"	" " "	" "	
Hammond	21	"	" "	"	Peter Schnee	Connorton	
Shenandoah City	21	"	" "	"	Chas. Blowert	Shenandoah	Reading
West Shenandoah	21	"	" "	"	Norman Harrison	"	
Bancroft	22	"	" "	"	Fred Caldwell	Shamokin	
Bast	22	"	" "	"	George Youhas	Ashland	
Gilberton	22	"	" "	"	William E. Jones	Frackville	
Potts	22	Columbia	" "	"	John Day	Ashland	
Locust Spring	23	Northumberland	Fred C. Caldwell	Ashland	Joseph McGinnes	Mt. Carmel	
Alaska	23	"	" " "	"	Richard Anglin	" "	
Reliance	23	"	" " "	"	Robert Edmiston	" "	
Bear Valley	24	"	L. F. Gerdetz	Shamokin	E. C. Jones	Shamokin	
Burnside	24	"	" "	"	Joseph P. Brennan	"	
Henry Clay	24	"	" "	"	J. E. Klase	"	
Brookside	25	Schuylkill	J. R. Sharp	Pottsville	Daniel Holahan	Tower City	
Lincoln	25	"	" "	"	" "	" "	
Good Spring	25	"	" "	"	W. A. Williams	Good Spring	
Pine Hill Coal Co.							
Oak Hill	19	"	B. H. Stockett	Minersville	E. S. Christ	Minersville	Reading
Pine Hill	19	"	" "	"	W. B. Wells	"	Pennsylvania
Pittston Coal Mining Co.							
Hadleigh	13	Luzerne	W. E. Connolly	Pittston	Frank Ward	Sugar Notch	C. R. R. of N. J.
The Pittston Co.[5]							
Forest City	1	Lackawanna, Wayne, Susquehanna	G. M. Gillette	Scranton	Peter Parry	Forest City	Erie
Erie	2	Lackawanna	" "	Dunmore	" "	" "	"
No. 5	4	"	" "	Scranton	F. E. Moore	Scranton	"
Old Forge	4	"	" "	"	John N. Cooke	Old Forge	"
No. 1	6	"	" "	"	J. P. Lafferty	Dunmore	"
Underwood	6	"	" "	"	W. C. Snyder	Throop	"
Butler	7	Luzerne	" "	"	J. M. Kantner	Scranton	"
Central	7	"	" "	"	John C. Cooke	"	"

Table 1—Operators, Location of Collieries, Railroads, 1930—Continued

Operators and Collieries	District	County	General Superintendent	Post Office	Superintendent	Post Office Address of Colliery	Railroad to Colliery
The Pittston Co.—Cont'd.							
No. 6	8	Luzerne	G. M. Gillette	Scranton	P. C. Pell	Pittston	Erie
No. 9	8	"	" "	"	John J. Wynne	"	"
No. 14	8	"	" "	"	John Brown	"	"
Ewen	8	"	" "	"	John A. Clark, Jr.	"	"
Plymouth Mining Co.							
Plymouth	12	"	Evor Davis	Plymouth	Evor Davis	Plymouth	D. & H.
Plymouth Red Ash Coal Co.							
Red Ash	12	"	Harry Adams	"	Harry Adams	"	D. L. & W.
Price-Pancoast Coal Co.							
Pancoast	4	Lackawanna	L. F. Weichel	Scranton	Abe Pierson	Throop	N. Y. O. & W.; D. L. & W.
T. F. Quinn Coal Co.							
Consolidated	7	Luzerne	T. F. Quinn	Avoca	J. J. Moore	Avoca	N. Y. S. & W.
Racket Brook Coal Co.							
Racket Brook	1	Lackawanna	Charles Dorrance	Scranton	John A. Hines	Carbondale	D. & H.
Raub Coal Co.							
Austin	7	"	Gwillym Edwards	Luzerne	Gwillym Edwards	Luzerne	L. V.
Louise	10	Luzerne	" "	"	" "	"	"
Repplier Coal Co.							
New Castle	19	Schuylkill	James B. Neale	Buck Run	D. J. Boyle	Buck Run	Pennsylvania; Reading
Rose Coal Co.							
Florence	7	Luzerne	Pasquale Adonizio	Pittston	Bernard Hollerman	West Pittston	N. Y. S. & W.
Saint Clair Coal Co.							
Saint Clair	18	Schuylkill	H. M. Smyth	Saint Clair	Evan C. Jones	Pottsville	Reading
Sandy Run Coal Co.							
Sandy Run	15	Luzerne	J. H. Keith	Sandy Run	J. W. Harlen	Sandy Run	C. R. R. of N. J.
Scott, Farber & Consargra							
West Side	2	Lackawanna	Thomas L. Scott	Carbondale			Local trade
Scranton Anthracite Coal Co.							
Barnum	7	Luzerne	M. J. Rafferty	Scranton	J. B. McDade	Pittston	Erie
Pickaway	7	"	" "	Scranton	J. B. McDade	Pittston	N. Y. S. & W.
Scranton Coal Co.							
Raymond	2	Lackawanna	Joseph Mayer	Scranton			N. Y. O. & W.
Riverside	2	"	" "	Scranton			" "
West Ridge	3	"	" "	Scranton	Joseph Mayer	Scranton	" "
Capouse	4	"	James L. Cooney	Scranton	Joseph Mayer	"	" "
Mt. Pleasant	4	"	" " "	Scranton	Joseph Mayer	"	" "
Pine Brook	4	"	" " "	Scranton	Joseph Mayer	"	" "
Johnson	6	"	" " "	Scranton	Joseph Mayer	"	" "
Ontario	6	"	" " "	Scranton	Joseph Mayer	"	" "
Richmond No. 3	6	"	" " "	Scranton	Joseph Mayer	"	" "

Seymour Coal Co.							
Glendale	1	"	B. F. Daniels, Sr.	Peckville	B. F. Daniels, Sr.	Jessup	D. & H.
Sherman Coal Corp.							
Sherman	19	Schuylkill	Edgar O. Marty	Pottsville		Pottsville	P. & R.
Sindaco Coal Co.							
Sindaco	5	Lackawanna	Paul S. Sindaco	Plains	Wm. Robertson	Dickson City	Trucks
South Penn Collieries Co.							
Legitts Creek	3	"	R. H. Buchanan	Scranton	Thos. F. Steele	Scranton	D. & H.
Von Storch	3	"	" "	Scranton	Thos. F. Steele	Scranton	D. & H.
Randolph	18	Schuylkill	" "	Scranton	W. H. Travenner	Port Carbon	P. & R.
Spencer Coal Co.							
Spencer	6	Lackawanna	David Spruks	Scranton	McKinley Parker	Dunmore	Erie
Spring Brook Coal Co.							
Spring Brook	5	"	Chas. A. Namura	Duryea			D. & H.
E. S. Stackhouse Coal Co.							
Salem	14	Luzerne	E. S. Stackhouse	Shickshinny	E. S. Stackhouse	Shickshinny	D. L. & W.
Steinhart Coal Co.							
Katherine	24	Northumberland	Ed. Steinhart	Shamokin	Joseph Whitaker	Shamokin	Reading
Stevens Coal Co.							
Trout Run Washery	24	"	Nat. D. Stevens	Wilkes-Barre	E. B. Hartman	Shamokin	Pennsylvania
Strange Coal Co.							
Strange Washery	18	Schuylkill	C. H. Strange	Pottsville	C. H. Strange	Pottsville	Reading
Suscon Coal Co.							
Suscon	9	Luzerne	Pasquale Adonizio	Pittston	Pasquale Adonizio	Pittston	Erie
Susquehanna Collieries Co.							
No. 6	14	"	C. A. Gibbons	Wilkes-Barre	W. E. Weineck	Nanticoke	
No. 7	14	"	" " "	Wilkes-Barre	W. E. Weineck	Nanticoke	
Wm. Penn	21	Schuylkill	" " "	Wilkes-Barre	W. W. Williams	Shaft	
Pennsylvania	23	Northumberland	" " "	Wilkes-Barre	W. W. Williams	Shamokin	
Richards	23	"	" " "	Wilkes-Barre	W. W. Williams	Shamokin	Pennsylvania
Cameron	24	"	W. W. Williams	Shamokin	W. W. Williams	Shamokin	
Williamstown	25	Dauphin	C. A. Gibbons	Wilkes-Barre	W. B. Geise	Lykens	
Short Mountain	25	"	" " "	Wilkes-Barre	W. B. Geise	Lykens	
Short Mountain Washery	25	"	" " "	Wilkes-Barre	W. B. Geise	Lykens	
Syncline Contracting Co.							
Syncline	22	Schuylkill	Frank Nieman	Frackville	Frank Nieman	Frackville	Pennsylvania; Reading
Temple Coal Co.							
Sterrick Creek	2	Lackawanna	W. P. Jennings	Scranton	J. P. McAndrew	Jessup	Erie
Harry E.	9	Luzerne	" " "	Scranton	John P. Daley	Swoyersville	L. V.; D. L. & W.
Thomas Colliery Co.							
Thomas	21	Schuylkill	E. H. Suender	Frackville	Geo. H. Lovell	Shenandoah	Reading; L. V.
Throop Coal Co.							
Crippen	6	Lackawanna	Richard Howells	Scranton			Trucks
Troy Coal Co.							
Troy	9	Luzerne	M. J. Healey	Plains	M. J. Healey	Wyoming	L. V.; D. L. & W.
West Brook Coal Co.							
West Brook	2	Lackawanna	Arthur Williams	Carbondale			Truck to D. & H.

Table 1—Operators, Location of Collieries, Railroads, 1930—Continued

Operators and Collieries	District	County	General Superintendent	Post Office	Superintendent	Post Office Address of Colliery	Railroad to Colliery
West End Coal Co.							
West End	14	Luzerne	L. F. Weichel	Scranton	H. G. Williams	Moosanaqua	Pennsylvania; C. R. of N. J.; N. Y. O. & W.
Wilson Bros. Co.							
Wilson Mine	2	Lackawanna	George Wilson	Dunmore			Erie
Wilson Coal Co.							
Frisbie	1	"	George H. Wilson	Dunmore			
Wolf Collieries Co., Inc.							
Woodside Mines	15	Luzerne	Joseph G. Sarieks	Freeland	P. C. Sarieks	Freeland	L. V.
Yatesville Coal Co.							
Yatesville	9	"	Pasquale Adonizio	Pittston	Pasquale Adonizio	Pittston	Erie

[1] Glen Alden Coal Co. and Lehigh & Wilkes-Barre Coal Co. consolidated January, 1930.
[2] Formerly Mary G. Coal Co.
[3] Formerly Lehigh Coal & Navigation Co.
[4] Operated by Junedale Coal Co.
[5] Pennsylvania Coal Co. and Hillside Coal & Iron Co. known as The Pittston Co., beginning January, 1930.

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1929

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives		
											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
CARBON COUNTY													
Coxe Bros. & Co., Inc.													
Beaver Meadow	16	209,818	24,286	7,331	241,435	219	652	1	8	75	----------	237,950	----------
Evans Colliery Co.													
Evans	16	69,048	600	5,814	75,462	215	188	----------	1	10	----------	14,150	67,800
Lehigh Coal & Navigation Co.													
Coaldale	17	283,476	32,822	14,759	331,057	241	689	1	15	----------	----------	----------	----------
Lansford	17	314,791	17,898	----------	332,689	210	719	----------	11	144	----------	241,883	53,925
Nesquehoning	17	679,975	12,989	11,747	704,711	240	1,492	3	18	249	5,225	619,858	119,707
Total	----------	1,278,242	63,709	26,506	1,368,457	233	2,900	4	44	393	5,225	861,741	173,632
Lehigh Valley Coal Co.													
Spring Brook	16	60,000	----------	----------	60,000[1]	203	160	1	5	36	----------	----------	----------
Grand total	----------	1,617,108	88,595	39,651	1,745,354	228	3,900	6	58	514	5,225	1,113,841	241,432
COLUMBIA COUNTY													
Hazle Brook Coal Co.													
Midvalley	22	27,611	226	355	28,192	62	107	----------	3	26	----------	28,225	1,575
Lehigh Valley Coal Co.													
Centralia	22	220,459	51,677	6,433	278,569[1]	155	850	----------	7	78	----------	210,545	----------
Harry L. Mitchneck													
Clift	16	7,271	815	216	8,302	204	52	----------	----------	3	----------	900	950

[1] Prepared at Hazleton Shaft Colliery, 15th District.

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1929—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives		
											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
COLUMBIA COUNTY—Cont'd.													
Phila & Reading Coal & Iron Co.													
Potts	22	331,245	37,890	11,356	380,491	278	633	2	7	83		113,520	123,654
Grand total		586,586	90,608	18,360	695,554	198	1,642	2	17	190		353,190	126,179
[1] Includes 25,387 tons from stripping.													
DAUPHIN COUNTY													
Susquehanna Collieries Co.													
Short Mountain	25	204,703	20,310	15,613	240,626	165	957	4	18	76		133,016	99,259
Williamstown	25	465,571	43,820	8,469	517,860	259	1,256	13	32	201		179,390	187,172
		670,274	64,130	24,082	758,486		2,213	17	50	277		312,406	286,431
Short Mountain Washery	25	25,419	2,194		27,613	129	28						
Total		695,693	66,324	24,082	786,099	217	2,241	17	50	277		312,406	286,431
LACKAWANNA COUNTY													
Ampere Coal Co.													
Radiant No. 1 Slope	2	10,813	75		10,888[1]	194	43				4,050	2,275	50
John J. Barrett													
Dana Slope	1	9,000			9,000[2]	160	23				8,000		7,200
Beardslee & Lewis Coal Co.													
Stone Quarry	1		20	16,115	16,135	263	35	1	1			2,675	19,350
Childs Coal Co.													
Winton	1	9,292			9,292[2]	203	30				1,650	600	2,275
D. F. M. Co.													
No. 1 Slope	2	13,131			13,131[3]	255	23		2	10	3,900	900	

Dunmore Anthracite Coal Co.													
Dunmore	6	7,297			7,297	225	23			10	1,500	1,200	
Flagg Coal Co.													
Spring Brook Washery	7	12,327	917	484	13,728	74	46		1				
John Gibbons Coal Co.													
Gibbons	5	16,129		12,971	29,100[4]	135	85		4	8		6,000	2,000
Glen Alden Coal Co.													
Archbald	5	313,389	10,903		324,292	274	996	5	18	168	62,500	113,000	
Baker	5	575,330	20,910	2,848	599,088	276	1,189	4	25	183	409,750	234,750	
Diamond	3	498,582	28,444		527,026	252	1,349	4	24	169	328,125	37,000	530,000
Hampton Plants	5						69			3			
Hyde Park	5	319,919	105	54,494	374,518	275	1,249	8	21	168	75,250	281,500	
Pyne	4	282,304	14,745	2,326	299,375	257	867	5	27	162	247,500	63,500	
Storrs	5	1,007,427	63,992	29,630	1,101,049	276	2,399	5	43	311	1,144,500	556,000	29,525
Taylor	4	329,869	15,335	24,334	369,538	272	1,175	7	31	158	170,250	170,500	
Total		3,326,820	154,434	113,632	3,594,886	271	9,293	38	189	1,322	2,437,875	1,456,250	559,525
Green Ridge Coal Co.													
Green Ridge	4	51,864	208	8,198	60,270	273	129	1	1	33	2,325	4,350	49,475
Grove Hill Coal Co.													
Lackawanna[5]	6												
Hillside Coal & Iron Co.													
Forest City	1	125,340	18,866	6,234	150,440	145	383	1		119	57,500	39,430	145,777
Hudson Coal Co.													
Clinton	1	101,313	7,362	2,739	111,414	146	208			63	286,550	58,629	41,406
Coal Brook	2	632,925	44,064	5,138	682,127	242	1,455	3	16	321	277,100	75,231	81,846
Eddy Creek	3	939,495	26,545		966,040	267	1,762	8	22	317	1,030,166	17,556	241,162
Gravity Slope	2	502,732	19,965	6,525	529,222	241	1,124	1	17	264	112,625	41,457	140,926
Greenwood	5	21,006	2,739		23,745	36	233	1	1	4	24,575	1,863	2,153
Jermyn	2	561,707	7,065		568,772	235	1,023	1	11	165	297,825	11,246	169,463
Marvine	3	767,966	71,898	57,760	897,624	270	1,837	3	19	349	962,713	74,791	230,251
Olyphant	6	802,520	137,828	33,287	973,635	258	1,864	8	24	351	413,350	1,434	406,105
Powderly	2	401,783	22,955	20,458	445,196	236	1,088	7	1	218	148,100	717	58,188
Total		4,731,447	340,421	125,907	5,197,775	246	10,594	32	111	2,052	3,553,004	282,924	1,371,500
Humbert Coal Co.													
Humbert[6]	1	56,444	300	517	57,261	172	220				29,900	8,000	40,625
Joseph J. Jermyn													
Jermyn	4	268,420	23,450	14,341	306,211	233	679	1	18	182	118,750	63,000	264,000
Lackawanna Anthracite Mining Co.													
Richmondale	1	68,970	750	720	70,440	217	187		1	37	8,500	9,500	14,500
Lackawanna Coal Co., Ltd.													
Lackawanna	6	174,461		2,969	177,430	214	359		4	43	50,350	196,050	
Lackawanna Valley Fuel Co.													
Old Buffalo[7]	1	10,395			10,395	309	55			21	250	3,500	3,375

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1929—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives		
											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
LACKAWANNA COUNTY—Cont'd.													
Lackawanna Valley Fuel Co.—Cont'd.													
Throop Washery	6	4,790	300	----------	5,090[8]	166	25	----------	----------	5	----------	----------	----------
Total	----------	15,185	300	----------	15,485	264	80	----------	----------	26	250	3,500	3,375
Langcliffe Collieries, Inc.													
Boland	1	31,971	20	900	32,891	165	59	1	2	10	24,000	5,145	18,700
Tappans	2	59,357	1,148	750	61,255[9]	149	205	1	4	26	1,250	----------	74,675
Total	----------	91,328	1,168	1,650	94,146	153	264	2	6	36	25,250	5,145	93,375
Lehigh Valley Coal Co.													
Broadwell	7	70,251	627	715	71,593	245	118	1	2	----------	16,975	14,870	49,000
H. A. Light Co.													
Sterrick Creek Stripping	2	15,051	294	----------	15,345[10]	98	12	----------	----------	----------	2,100	----------	700
Lincoln Coal Co.													
Oak Run	2	23,447	----------	3,728	27,175	249	61	----------	----------	16	----------	----------	----------
Meadowside Coal Co.													
Meadowside	3	17,443	500	8,829	26,772	140	124	1	----------	5	11,875	4,375	4,250
Mid-City Coal Co.													
Bulls Head	3	65,910	1,000	19,804	86,714	286	168	1	7	40	4,250	2,650	58,025
Mine Run Coal Co.													
Devils Eyebrow	1	20,710	450	----------	21,160[2]	285	40	----------	2	10	10,000	1,300	1,300
Moffat Coal Co.													
Moffat	5	47,436	285	----------	47,721	181	176	2	1	21	4,375	3,225	29,000
Murrin Coal Co.													
Fallbrook	1	5,400	----------	----------	5,400[11]	36	----------	----------	----------	----------	----------	----------	----------
Namura Coal Co.													
Namura	5	1,558	----------	----------	1,558[12]	168	11	----------	----------	1	1,400	750	100
Pennsylvania Coal Co.													
Erie	2	160,022	6,416	2,573	169,011[13]	260	388	2	7	108	45,550	7,400	83,585

Number 1	6	895,443	39,702	24	935,169	293	1,466	4	10	479	889,495	7,750	154,975
Number 5	4	193,886	14,467	51,406	259,759	294	518	1	8	182	190,175	12,400	107,975
Old Forge	4	234,198	32,800	5,289	272,287	174	1,001	1	10	147	124,075	6,190	97,411
Underwood	5	715,522	29,822	8,113	753,457	258	1,481	5	24	462	440,325	34,935	340,630
Total		2,199,071	123,207	67,405	2,389,683	255	4,854	13	59	1,378	1,689,620	68,675	783,676
Price-Pancoast Coal Co.													
Pancoast	4	218,464	20,444	4,741	243,649	225	538	1	8	126	138,900	13,450	45,550
Racket Brook Coal Co.													
Racket Brook	1	70,398	318	3,436	74,152	124	294			39	48,275	9,142	71,275
Raub Coal Co.													
Austin	7	35,139			35,139[14]	244	86				2,800	13,950	43,700
Scranton Coal Co.													
Capouse	4	56,610	1,526	4,360	62,496[15]	92	512	1	3	11	53,000	12,775	63,375
Johnson	6	20,961	2,761	7,809	31,531	61	476	1	2	10	23,750	6,625	29,375
Mt. Pleasant	4	86,592	3,231		89,823[16]	288	292	2	2	27	75,000		5,650
Ontario	6	154,469	5,407	10,047	169,923	207	638	2	11	44	32,525	38,450	150,500
Pine Brook	4	419,551	11,642	78,767	509,960	294	1,213	6	15	67	365,350	60,825	99,325
Raymond	2	153,462	6,977	2	160,441[17]	203	578	1	7	50	27,250	36,250	196,525
Richmond No. 3	6	10,052	41	87	10,180	79	124			2	9,250	3,000	5,000
Riverside	2	85,710	6,535	3,630	95,875	123	501	1	2	25	131,400	5,475	30,100
West Ridge	3	5,491		109	5,600[15]	83	68			2			3,000
Total		992,898	38,120	104,811	1,135,829	192	4,402	14	42	238	717,525	163,400	582,850
Seymour Coal Co.[18]													
Glendale	1	123,790	190	1,200	125,180[2]	223	316	2	6	81	8,900	14,600	165,400
South Penn Collieries Co.													
Legitts Creek	3	331,432	48,278	4,643	384,353[19]	300	684	1	10	272	57,450	12,825	256,211
Von Storch	3	326,499	6,040	65,636	398,175	301	786	2	9	305	825	19,809	259,142
Total		657,931	54,318	70,279	782,528	301	1,470	3	19	577	58,275	32,634	515,353
Spencer Coal Co.													
Spencer	6	48,305	500	18,569	67,374	228	219	1	1	64	2,400	14,300	14,300
Spring Brook Coal Co.													
Spring Brook	5	758			758[12]	34	25				750		
Temple Coal Co.													
Sterrick Creek	2	285,573	32,366	19,184	337,123	246	702	6	6	150	53,375	381,775	
Throop Coal Co.													
Crippen	6	11,936		3	11,939	195	14					100	2,700
Triplex Coal Co.													
Northwest[7]	1	486	200		686	15	84			1	1,250		
West Brook Coal Co.													
West Brook	2	11,000			11,000[20]	276	37						4,000
Wilson Bros. Co.													
No. 1 Slope	2	1,157			1,157[3]	74	7				5,000	2,000	

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1929—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives		
											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
LACKAWANNA COUNTY—Cont'd.													
Wilson Coal Co.													
Frisbie	1	8,654			8,654[2]	155	37				15,000	7,700	
Grand total		13,921,034	813,728	626,442	15,361,204	243	36,291	121	491	6,625	9,095,849	2,830,695	4,944,206

[1] Coal prepared at South Penn Colliery, South Penn Coal Co., Seranton.
[2] Coal sold run-of-mine to Kingston Coal Co.
[3] Coal prepared at Sterriek Creek Colliery, Temple Coal Co.
[4] Includes 24,791 tons from Stripping.
[5] Idle.
[6] Formerly Sunnyside.
[7] Leased from Temple Coal Co.
[8] Prepared 29,411 additional tons shipped from six other operations.
[9] Coal prepared at Langeliffe Colliery, Avoca.
[10] Coal prepared at Sterriek Creek Colliery.
[11] Estimated; operator out of business and could not be located.
[12] Prepared by Kingston Coal Co., 12th district, old mine reopened
[13] Coal prepared at Underwood Colliery.
[14] Coal prepared at Louise Breaker, 10th district.
[15] Coal prepared at Johnson Colliery, 6th district.
[16] Coal prepared at Pine Brook Colliery, 4th district.
[17] Coal prepared at Ontario Colliery.
[18] Formerly Glendale Anthracite Collieries.
[19] Coal prepared at Von Storch Colliery.
[20] Coal prepared at Kingston Coal Co. Colliery.

LUZERNE COUNTY													
Alden Coal Co.													
Alden	14	266,788	3,081	7,010	276,879	243	806	3	15			13,610	131,795
Alden Washery	14	74,645	4,292	310	79,247[1]	282	17						
Total		341,433	7,373	7,320	356,126	244	823	3	15			13,610	131,795
Barry Coal Co.													
East Boston	12	5,691			5,691	271	49	2					
Buck Mountain Coal Mining Co.													
Gowen	15	144,000	1,500	4,300	149,800	265	199	1	1	150		37,100	57,575
John Conlon Coal Co.													
Madeira	10	137,942	400	19,236	157,578	243	381	1	16	119	73,000	23,525	103,100
Coxe Bros. & Co., Inc.													
Deringer-Tomhicken	15	329,714	9,646	15,375	354,735	224	816	1	10	136		429,940	
Drifton	15	247,431	67,367	13,805	328,603	216	578	1	3	61		137,332	
Eckley-Buck Mountain	15	289,448	20,250	2,682	312,380	270	479		7	93		99,125	
Total		866,593	97,263	31,862	995,718	233	1,873	2	20	290		666,397	
R. M. Cranston													
Cranston	8	10,338	100		10,438	246	20				200	500	8,000
Cullen Fuel Co., Inc.													
Cullen Washery	12	2,083	100		2,183	47	20			1			
East Alden Mining Co.													
East Alden	14	17,627	200	150	17,977	185	43					1,600	10,750
East Boston Coal Co.													
East Boston	10	196,511	45,625	18,153	260,289	289	625		6	193	67,075	9,000	45,500
Flanagan Coal Co.													
No. 14 Washery	8	86,570		267	86,837	201	54						
Fox Hill Mining Co.													
Fox Hill	10	26,880			26,880[1]	251	50	1		12	20,000	600	15,000
Glen Alden Coal Co.													
Auchincloss	14	293,792	9,558		303,350	262	525	4	4			26,500	239,000
Avondale	13	212,172	13,836	7,321	233,329	259	571	1	6	86		4,500	107,000
Bliss	14	562,881	41,840	9,776	614,497	271	1,139	3	15		6,875	60,000	392,000
Grand Tunnel	13	96,723	970		97,693	254	282		1	47		4,000	37,000
Hallstead	7	175,307			175,307[2]	279	490		10		5,000	13,125	89,000
Loomis	13	824,637	38,378	14,621	877,636	262	1,826	2	27	284		49,500	776,000
Loomis Power Plant	13					365	66			5			
Pettebone	10	364,308	29,436	8,867	402,611	227	1,141	4	17	195	18,075	39,975	341,100
Truesdale	13	1,250,196	43,504	9,804	1,303,504	272	2,580	11	41	343	150	114,275	925,000
Woodward	12	930,205	31,518	37,493	999,216	270	1,584	6	25	225	9,750	8,250	615,500
Total		4,710,221	209,040	87,882	5,007,143	264	10,204	31	146	1,185	39,850	320,125	3,521,600
Haddock Mining Co.													
Black Diamond	10	69,916	6,040	4,344	80,300	125	487	2	3	55		1,000	57,750

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1929—Continued

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											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
LUZERNE COUNTY—Cont'd.													
Harris-Denly Coal Co.													
Kintz	9	10,836	1,500	5,674	18,010	249	38	----	1	11	----	2,400	24,000
Hazle Brook Coal Co.													
Hazle Brook	15	91,400	2,642	470	94,512	177	110	1	----	5	----	29,925	----
Upper Lehigh	15	65,735	1,874	2,962	70,571	127	230	1	1	14	----	25,530	----
Total	----	157,135	4,516	3,432	165,083	143	340	2	1	19	----	55,455	----
Hillman Colliery Co.													
Hillman	11	17,724	218	12,558	30,500	248	61	1	6	----	----	----	19,475
Hillside Coal & Iron Co.													
Butler	7	301,363	20,567	7,789	329,719	155	1,316	3	12	----	281,375	115,808	75,870
Hudson Coal Co.													
Baltimore No. 5	11	30,510	6,064	1,983	38,557[3]	12	758	----	12	----	6,950	2,205	10,703
Laflin	7	12,505	236	392	13,133	16	275	----	1	----	21,825	2,513	----
Loree No. 5	12	837,281	83,611	47,607	968,499[4]	236	2,585	14	44	387	725,350	134,509	59,949
Pine Ridge	10	813,651	74,340	30,483	918,474	233	2,125	4	52	434	1,069,575	147,300	165,428
Total	----	1,693,947	164,251	80,465	1,938,663	195	5,743	18	109	821	1,823,700	286,527	236,080
Jeddo-Highland Coal Co.													
Highland No. 1	15	34,570	21,103	7,528	63,201	300	207	----	2	33	----	35,324	----
Highland No. 5	15	423,241	27,869	8,759	459,869	304	746	1	9	168	----	350,300	92,600
Jeddo No. 4	15	679,551	41,372	43,130	764,053	300	1,151	11	21	291	----	513,901	32,225
Jeddo No. 7	15	----	8,402	----	8,402[5]	298	126	----	2	23	----	47,150	----
Total	----	1,137,362	98,746	59,417	1,295,525	301	2,230	12	34	515	----	946,675	124,825
John-Ames Coal Co.													
Franklin Washery	11	11,766	182	10,075	22,023	165	33	----	----	----	----	----	----

Kingston Coal Co.													
Gaylord	12	71,467	8,500	15,220	95,187	238	261		1	55	1,325	14,742	7,025
Kingston No. 2	12	204,298	14,425	42,635	261,358	243	740	1	10	155	97,925	7,727	15,365
Kingston No. 4	9	256,719	29,000	3,734	289,453	256	679		7	146	55,975	6,650	39,850
Total		532,484	51,925	61,589	645,998	247	1,680	1	18	356	155,225	29,119	62,240
Langcliffe Collieries, Inc.													
Langcliffe	7	49,481	6,000	4,959	30,443	136	243		5			14,900	26,775
George F. Lee Coal Co.													
Chauncey	13	112,026	317	24,935	137,278	244	323		2	38		12,250	75,575
Lehigh Coal Co.													
Hazle Mountain	15	21,321		1,620	22,941	154	65			22		30,100	
Lehigh Coal & Navigation Co.													
Cranberry	16	286,922	11,521	59,805	358,248	197	832	4	7	75		27,050	145,600
Lehigh Valley Coal Co.													
Dorrance	11	512,063	35,647	100,141	647,851	285	1,050	4	32		55,875	518,840	
Exeter	9	348,059	49,896	29,531	427,486	253	816	7	21	113	6,800	322,400	3,325
Franklin	11	222,724	25,556	6,964	255,244	218	569	1	6		1,400	20,850	112,400
Hazleton No. 1	15	312,314	22,673	48,099	383,086	293	639	2	19	223		202,775	
Hazleton Shaft—Stockton	15	269,589	59,774	1,417	330,780	207	785	2	14	204		174,412	
Heidelberg	7	72,880	734	1,886	75,500	185	231	1	1		1,500		47,875
Maltby	9	235,938	22,890	11,242	270,070	240	624	5	9	77	9,250	211,525	
Mineral Spring	10	27,970	1,812	1,286	31,068	91	161	1	5	14	1,000	30,050	
Prospect	9	269,337	39,931	358	309,626	217	847	6	17	149	42,800	209,175	30,975
Prospect (Henry)	10	289,778	21,692	11,749	323,219	216	694	4	12	103	71,225	237,350	3,675
Seneca	7	95,062	26,738	6,444	128,244	153	484	2	4		13,500	4,500	77,000
Spring Mountain	16	259,990	35,733	7,072	302,795[14]	203	577	1	2	56		97,879	
Warrior Run	13	53,122	3,678	2,070	58,870	197	149	2	2	16		34,650	
Westmoreland	9	179,587	14,699	7,124	201,410	258	384	3	4	68	375	166,425	
William A	7	106,404	1,133	8,599	116,127	155	361		6		3,250	550	72,000
Total		3,254,817	362,586	243,973	3,861,376	226	8,371	41	154	1,023	206,975	2,231,381	347,250
Lehigh & Wilkes-Barre Coal Co.													
Buttonwood No. 22	13	399,160	49,011	4,918	453,089	214	1,135	5	19	143		8,125	263,300
Hollenback No. 2	11	221,564	25,668	51,631	298,863	210	860		7		6,130	11,925	206,650
Lance No. 11	12	397,476	25,457	49,554	472,487	205	1,183	4	16	180	201,850	6,540	191,462
Maxwell No. 20	13	609,718	37,222	33,095	680,035	212	1,579	8	20	230		7,885	488,625
Nottingham No. 15	12	314,263	35,703	14,219	364,185	221	1,007		15	184	1,550	19,335	149,514
S. Wilkes-Barre No. 5	11	317,177	31,407	99,151	447,735	211	1,171	1	10			16,700	261,175
Stanton No. 7	11	481,631	47,887	35,774	565,292	201	1,679	6	17		625	10,100	438,175
Sugar Notch No. 9	13	342,621	28,108	6,796	377,525	214	1,063	4	14	119	75	26,735	289,700
Wanamie No. 18	14	606,052	30,533	8,009	644,594	214	1,449	3	13		450	60,880	329,400
Total		3,689,662	310,996	303,147	4,303,805	211	11,126	31	131	856	210,680	168,225	2,618,001

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											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
LUZERNE COUNTY—Cont'd.													
Lehigh & Wyoming Valley Coal Co.													
Florence	7	33,103	300	3,538	36,941	180	97				600		30,000
Lynott Coal Co.													
Stripping	8	2,090	150	2,653	4,803	255	11						2,000
M & M Coal Co.													
Washery	7	54,000			54,000	235	38						
Miners Mills Coal Mining Co.													
Miners Mills	10	107,195			107,195[6]	289	160		7	58	200	3,250	45,225
Nanticoke Valley Coal Co.													
Washery	14	61,129	7,497[7]		68,626	280	55						
Pardee Bros. & Co., Inc.													
Beaver Brook	16	102,076	6,560	527	109,163[15]	249	178		3	53		1,250	35,000
Lattimer	15	303,301	39,859	10,297	353,457	251	746	2	8	173		24,075	224,425
Total		405,377	46,419	10,824	462,620	251	924	2	11	226		25,325	259,425
Park Red Ash Coal Co.													
Stripping	11	400			400[13]								
Pennsylvania Coal Co.													
Central	7	150,996	21,147	3,410	175,553[8]	174	477	3	2		69,275	20,451	30,059
Ewen	8	631,716	51,418		683,134	232	1,634	5	16	350	220,950	24,644	540,973
Number 6	8	339,021	49,599	10,656	399,276	160	1,536	9	18	233	318,300	60,540	82,835
Number 9	8	477,631	48,239	13,506	539,376	199	1,474	8	10	278	283,300	11,250	164,580
Number 14	8	461,378	46,063	8,753	516,194	186	1,646	3	9	325	387,300	28,901	103,007
Total		2,060,742	216,466	36,325	2,313,533	193	6,767	28	55	1,186	1,279,125	145,786	921,454
Pittston Coal Mining Co.													
Hadleigh	13	39,624	8,000	973	48,597	175	168	1	1	42		13,000	3,000

Plymouth Mining Co.													
Plymouth	12	5,000	----------	2,000	7,000	268	16	----------	----------	----------	300	1,550	1,000
Plymouth Red Ash Coal Co.													
Red Ash	12	27,941	165	11,403	39,509	311	83	----------	1	21	----------	7,925	5,950
T. F. Quinn Coal Co.													
Consolidated	7	20,414	1,590	590	22,594	166	207	----------	5	----------	----------	3,500	17,500
Raub Coal Co.													
Louise	10	62,535	600	18,148	81,283	206	248	1	1	12	625	17,500	29,000
Sandy Run Coal Co.													
Sandy Run	15	86,690	805	1,041	88,536	182	227	----------	----------	49	----------	18,325	----------
Scranton Anthracite Coal Co.													
Barnum	7	21,141	500	18,442	40,083	280	84	2	1	----------	----------	----------	50,126
Pickaway	7	26,300	----------	----------	26,300	227	51	----------	2	----------	----------	----------	46,380
Total	----------	47,441	500	18,442	66,383	260	135	2	3	----------	----------	----------	96,506
E. S. Stackhouse Coal Co.													
Salem	14	28,834	213	12,384	41,431	198	116	----------	1	----------	1,225	6,115	19,475
Suscon Coal Co.													
Suscon	9	12,667[9]	----------	----------	12,667[10]	162	31	----------	----------	----------	3,000	600	----------
Susquehanna Collieries Co.													
Number 6	14	752,715	22,417	7,574	782,706	284	1,445	3	18	----------	----------	182,297	148,175
Number 7	14	910,092	41,076	27,323	978,491	285	2,359	13	44	----------	18,400	45,910	770,250
Total	----------	1,662,807	63,493	34,897	1,761,197	285	3,804	16	62	----------	18,400	228,207	918,425
Temple Coal Co.													
Harry E.	9	305,734	44,467	11,889	362,090	270	851	2	12	79	56,325	258,500	----------
Troy Coal Co.													
Troy	9	20,838	251	6,379	27,468	288	58	----------	2	5	----------	28,150	----------
West End Coal Co.													
West End	14	326,522	3,783	9,219	339,524	225	820	7	17	----------	1,900	68,075	114,400
Wolf Collieries Co., Inc.													
Woodside	15	40,480	----------	----------	40,480[11]	215	77	1	2	18	----------	475	17,175
Yatesville Coal Co.													
Yatesville	5	67,789[9]	----------	----------	67,789[12]	249	95	----------	3	10	50,100	18,000	----------
Grand total	----------	23,371,916	1,795,665	1,233,657	26,401,238	227	62,217	216	870	7,447	4,289,880	5,837,630	10,187,296

[1] Coal prepared at breaker of Kingston Coal Co.
[2] Coal prepared at Taylor Breaker, 4th District.
[3] Includes 11,614 tons from Stripping.
[4] Includes 34,754 tons from Stripping.
[5] Coal prepared at Jeddo No. 4 Colliery.
[6] Coal prepared at East Boston Breaker.
[7] In storage.
[8] Coal prepared at Old Forge Breaker, 4th District.
[9] Coal sold run of mine.
[10] Includes 1,500 tons mined at Stripping.
[11] Coal prepared at Drifton Colliery.
[12] Includes 4,500 tons mined at Stripping.
[13] Estimated; not reported by operator.
[14] Coal prepared at Hazleton Shaft Breaker.
[15] Coal prepared at Lattimer Colliery.

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1929—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives		
											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
NORTHUMBERLAND COUNTY													
Colonial Collieries Co.													
Colonial	23	702,628	6,854	8,574	718,056[1]	273	1,185	3	5	147	----------	138,760	353,073
Excelsior Coal Co.													
Corbin	24	241,300	7,660	1,100	250,060	283	231	----------	3	32	----------	1,000	21,600
Lehigh Valley Coal Co.													
Sayre	22	233,557	75,335	12,699	321,591[2]	160	819	2	8	125	----------	187,815	----------
Northumberland Mining Co.													
Enterprise	24	374,947	9,643	4,895	389,485	300	706	3	12	194	----------	18,152	305,142
Phila. & Reading Coal & Iron Co.													
Alaska	23	517,357	43,605	2	560,964	284	814	1	18	86	----------	----------	----------
Bear Valley	24	169,256	34,510	2,835	206,601	156	794	1	11	87	----------	218,871	----------
Burnside	24	272,466	44,292	21,861	338,619	232	878	1	22	104	----------	127,240	46,630
Henry Clay	24	248,413	28,804	64,981	342,198	278	741	3	21	89	----------	217,810	78,766
Locust Spring	23	558,189	126,064	5,447	689,700[3]	282	1,225	7	20	191	----------	416,071	72,604
North Franklin	24	35,174	13,021	2,728	50,923[4]	23	425	----------	4	10	----------	18,634	----------
Reliance	23	235,491	27,823	26,114	289,428	249	668	1	11	64	----------	----------	----------
Total	----------	1,836,346	318,119	123,968	2,278,433	232	5,545	14	107	641	----------	998,626	198,000
Shamokin Colliery Co.													
Washery	23	161,314	13,000	----------	174,314	289	56	----------	----------	----------	----------	----------	----------
Steinhart Coal Co.													
Katherine	24	7,224	1,527	930	9,681[5]	59	60	----------	----------	1	----------	790	----------
Stevens Coal Co.													
Trout Run Washery	24	60,322	800	40	61,162	133	40	----------	----------	----------	----------	----------	----------
Susquehanna Collieries Co.													
Cameron	24	449,027	4,623	22,894	476,544	278	743	----------	11	74	----------	76,866	264,225
Luke Fidler[4]	24	----------	----------	----------	----------	----------	----------	----------	2	2	----------	----------	----------
Pennsylvania	23	231,314	1,421	10,332	243,067	172	988	2	26	83	----------	44,750	182,450

Richards	23	313,778	2,253	23	316,054	177	1,129	3	23	96		60,530	255,050
Scott	23							1	2	2			
Total		994,119	8,297	33,249	1,035,665	202	2,860	6	64	257		182,146	701,725
Grand total		4,611,757	441,175	185,455	5,238,387	228	11,502	28	199	1,397		1,527,229	1,579,540

[1] Includes 71,000 tons from Stripping.
[2] Includes 30,087 tons from Stripping.
[3] Includes 5,635 tons from Stripping.
[4] Abandoned during the year.
[5] Formerly South Penn Collieries Co.

SCHUYLKILL COUNTY

Bell Colliery Co., Inc.													
Bell	18	60,059	150	7,997	68,206	248	119			46		23,575	27,000
Black Heath Coal Co.													
Black Heath	19	14,559	300	1,120	15,979	281	24	1		[4]			6,000
Buck Run Coal Co.													
Buck Run	19	339,407	5,123	3,428	347,958[1]	258	665	4	15	205		61,855	181,215
Chestnut Hill Coal Co.													
Chestnut Hill	18	3,001		793	3,794	62	44			2		4,000	3,000
Coxe Bros. & Co., Inc.													
Oneida	16	175,807	19,592	7,422	202,821[2]	193	545		5	93		144,832	
East Bear Ridge Colliery Co.													
East Bear Ridge	22	195,708	6,025	3,987	205,720	234	440	1	6	51		100,000	
Frackville Coal Co.													
Lucanna	18	56,467	825	15,260	72,552	284	169	1		38		15,750	15,950
Haddock Mining Co.													
Candlemas	16	507,158	6,275	5,096	518,529	221	928	3	5	103		357,925	46,385
Salem Hill	18	4,981			4,981[3]	299	65			21		30,000	18,000
Total		512,139	6,275	5,096	523,510	226	993	3	11	124		387,925	64,385
Harleigh-Brookwood Coal Co.													
Lawrence	22	286,907	5,980	8,863	301,750	234	695		6	88		203,849	11,180
Hazle Brook Coal Co.													
Girard [4]	22								1				
Maryd	18	203,456	46,152	17,017	266,625	285	31	1	12	65		79,400	46,650
Raven Run	21	296,095	6,847	1,354	304,296[5]	281	388		2	126	18,225	85,587	41,433
Westwood	25	168,343	4,041	8,298	180,685	237	263		6	40		51,550	79,275
Total		667,897	57,040	26,669	751,606	270	962	1	21	231	18,225	216,537	167,358
Lavelle Coal Co.													
Bickle [6]	22	30,316	195	1,190	31,701	206	56	2		14		11,000	1,300
Lehigh Coal & Navigation Co.													
Alliance	18	200,798	6,259	2,388	209,445	159	716		14	69		43,324	56,698
Coaldale	17	401,882	24,192	20,024	446,098	241	925	1	23	277	31,950	1,036,854	114,095

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1929—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives		
											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
SCHUYLKILL COUNTY—Cont'd.													
Lehigh Coal & Navigation Co.—Cont'd.													
Greenwood	17	403,442	7,181	----------	410,623	240	809	1	14	94	----------	322,175	52,800
Rahn	17	388,440	8,751	----------	397,191	223	792	1	23	93	----------	290,725	51,900
Tamaqua	18	357,741	4,734	----------	362,475	222	844	3	22	103	----------	370,200	50,245
Total	----------	1,752,303	51,117	22,412	1,825,832	219	4,086	6	96	638	31,950	2,063,278	325,738
Lehigh Valley Coal Co.													
Buck Mountain	18	82,661	23,308	1,756	107,725	94	790	4	22	91	----------	15,997	64,625
Packer No. 4	21	346,028	55,402	4,557	405,987[7]	182	939	4	15	178	----------	140,005	11,100
Packer No. 5	21	129,437	27,106	2,985	159,528	125	711	1	5	116	----------	74,755	42,950
Park	20	325,262	50,168	8,146	383,576[8]	195	1,006	2	21	262	----------	102,300	154,000
Springdale Washery [9]	20	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Total	----------	883,388	155,984	17,444	1,056,816	154	3,446	11	63	647	----------	333,657	272,675
Lehigh & Wilkes-Barre Coal Co.													
Audenried No. 4	16	187,427	43,244	4,928	235,599	198	976	1	6	86	----------	126,700	----------
Honey Brook No. 5	16	99,461	29,122	3,764	132,347[10]	198	303	----------	4	45	6,100	66,000	----------
Stripping	16	63,275	----------	----------	63,275	----------	----------	----------	----------	----------	----------	----------	----------
Total	----------	350,163	72,366	8,692	431,221	198	1,279	1	10	131	6,100	192,700	----------
Locust Mountain Coal Co.													
Weston	21	327,680	3,470	4,036	335,186[11]	293	601	3	14	68	----------	246,685	----------
Lytle Coal Co.													
Lytle	19	414,153	37,380	7,217	458,750	293	800	4	39	117	----------	77,948	217,838
Mill Creek Coal Co.													
Morea	18	359,022	2,739	3,454	365,215[12]	225	711	2	10	146	----------	128,600	138,675

Phila. & Reading Coal & Iron Co.													
Baneroft [13]	22									6			
Bast	22	264,605	41,626	13,240	319,471[14]	219	631		8	58		113,470	62,191
Brookside	25	407,411	51,359	9,734	468,504	261	999	1	12	70		187,630	
Eagle Hill	18	20,382	6,199	1,150	27,731	24	748	1		18		6,995	11,055
Ellangowan	20	248,092	43,597		291,689	194	808	2	16	143		118,573	23,800
Gilberton	22	284,038	25,526	10,624	320,188[15]	228	832	1	19	153		191,725	14,150
Good Spring	25	184,707	105,384	7,414	297,505	166	822	1	9	72		170,425	42,325
Hammond	21	223,978	49,296	5,994	279,268[16]	237	621	1	9	84		115,475	65,750
Lincoln	25	223,864	30,692	8,742	263,298	158	946		11	60		133,775	5,800
Mahanoy City	20	203,135	27,783	27,085	258,003	236	640		6	61		81,741	64,025
Maple Hill	20	398,507	70,126		468,633	265	888	4	21	255		78,180	105,250
North Mahanoy	20	275,745	46,405	9,389	331,539[17]	265	666	2	18	87		128,830	14,550
Otto	19	173,384	26,700	4,404	204,488	172	655		8	70		38,380	55,481
Pine Knot	19	354,521	61,343	6,116	421,980[18]	193	1,080	3	17	151	600	315,659	32,067
Reevesdale [9]	18						12						
Shenandoah City	21	259,669	52,321	34,384	346,374	211	946	4	33	250		291,417	4,260
Silver Creek	18	164,196	36,508	3,688	204,392	133	737		13	54		124,423	
Tunnel Ridge	20	294,682	56,459		351,141	266	707	1	3	52		170,165	
Wadesville	18	95,743	31,769	41,922	169,434	143	752	1	10	135		83,655	72,525
West Shenandoah	21	321,131	38,142	3,127	362,400[19]	210	1,022	1	30	260		142,065	57,125
		4,397,790	801,235	187,013	5,386,038		14,512	24	243	2,039	600	2,492,583	630,354
Eagle Hill Washery	18	48,697	10,053	261	59,011	74	116						
Middle Creek Washery	25	53,861	295		54,156	[20]	40		1	1			
Pine Forest Washery	18	47,288	2,918		50,206	69	97						
		149,846	13,266	261	163,373		253		1	1			
Total		4,547,636	814,501	187,274	5,549,411	197	14,765	24	244	2,040	600	2,492,583	630,354
Pine Hill Coal Co.													
Oak Hill	19	323,972	4,246	21,717	349,935[21]	252	766	2	23	194		88,108	147,880
Pine Hill	19	407,856	5,805	67	413,728	256	859	5	24	184		79,192	223,444
Total		731,828	10,051	21,784	763,663	254	1,616	7	47	378		167,300	371,324
Repplier Coal Co.													
New Castle	19	258,446	1,041	2,726	262,213	225	496	4	9	95		58,787	143,386
Saint Clair Coal Co.													
Saint Clair	18	296,780[22]	17,000	15,900	329,680[23]	270	550	3	5	81		150,650	
Sherman Coal Corp.													
Sherman	19	122,615		31,620	154,235	293	213	2	3	110		53,725	12,825
South Penn Collieries Co.													
Randolph	18	130,631	1,490	18,003	150,124	272	218	3	1	151		46,084	26,150
Strange Coal Co.													
Strange Washery	18	24,422		640	25,062	187	10			1			

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1929—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives		
											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
SCHUYLKILL COUNTY—Cont'd.													
Susquehanna Collieries Co.													
William Penn	21	186,474	29,732	2,022	218,228[24]	209	613	5	15	70	----------	134,599	31,636
Thomas Colliery Co.													
Thomas	21	200,330	1,554	7,265	209,149	272	374	--------	5	69	----------	32,495	56,755
Grand total		12,928,138	1,299,930	432,314	14,660,382	212	34,430	91	625	5,635	56,875	7,348,414	2,704,744

[1] Includes 13,372 tons from Stripping.
[2] Coal prepared at Spring Mountain Colliery.
[3] Coal prepared at Candlemas Colliery, 16th district.
[4] Abandoned.
[5] Includes 128,787 tons from Stripping.
[6] Operated by Laurel Coal Mining Company previous to August 1, 1929.
[7] Includes 18,852 tons from Stripping.
[8] Includes 37,252 tons from Stripping.
[9] Idle.
[10] Coal prepared at Audenried No. 4 Colliery.
[11] Includes 23,975 tons from Stripping.
[12] 92,834 tons Stripping coal and 65,714 tons prepared at Lawrence Colliery, 22nd district.
[13] Bancroft mines idle. Coal from Alaska mines, 23rd District, prepared at Bancroft Breaker.
[14] Includes 54,179 tons from Stripping.
[15] Includes 20,777 tons from Stripping.
[16] Includes 5,299 tons from Stripping.
[17] Includes 34,995 tons from Stripping.
[18] Includes 51,381 tons from Stripping.
[19] Includes 18,210 tons from Stripping.
[20] No record.
[21] Includes 5,891 tons from Stripping.
[22] 5,867 tons put in storage.
[23] 45,346 tons Stripping coal.
[24] Includes 987 tons from Stripping.

SULLIVAN COUNTY													
Connell Anthracite Mining Co.													
Connell	10	62,700	17,500	6,162	86,362	94	431	--------	6	26	53,400	7,825	3,375
Northern Anthracite Coal Co.													
Murray	10	17,863	4,626	1,245	23,734	108	145	--------	3	13	500	3,000	16,000
Grand total		80,563	22,126	7,407	110,096	98	576	--------	9	39	53,900	10,825	19,375

SUSQUEHANNA COUNTY														
Hillside Coal & Iron Co.														
Forest City	1	10,164	1,402	----------	11,566	145	250	1	7	----------	----------	----------	----------	
Hudson Coal Co.														
Clinton	1	59,941	4,356	1,621	65,918	146	152	1	----------	----------	----------	----------	----------	
Grand total		70,105	5,758	1,621	77,484	145	402	2	7	----------	----------	----------	----------	
WAYNE COUNTY														
Hillside Coal & Iron Co.														
Forest City	1	33,876	5,071	2,053	41,000	145	75	----------	----------	----------	----------	----------	----------	
Hudson Coal Co.														
Clinton	1	44,679	3,247	1,208	49,134	146	146	----------	3	----------	----------	----------	----------	
Grand total		78,555	8,318	3,261	90,134	146	221	----------	3	----------	----------	----------	----------	
Grand total all counties		57,961,455	4,632,227	2,572,250	65,165,932	227	153,422	483	2,329	22,124	13,501,729	19,334,230	20,089,203	
1930														
CARBON COUNTY														
Coxe Brothers & Co., Inc.														
Beaver Meadow	16	95,512	18,422	5,361	119,295	110	623	1	4	38	----------	135,325	----------	
Evans Colliery Co.														
Evans	16	69,139	600	6,142	75,881	236	192	----------	2	8	----------	6,550	55,075	
Junedale Coal Co., Inc.														
Coleraine Washery	16	20,211	150	224	20,585	110	27	----------	----------	----------	----------	----------	----------	
Lehigh Navigation Coal Co.														
Coaldale	17	261,678	20,625	14,704	297,007	199	995	2	11	----------	----------	----------	----------	
Lansford	17	468,790	13,332	----------	482,122	184	745	5	15	92	----------	220,175	51,500	
Nesquehoning	17	463,917	11,386	16,084	491,387	171	1,451	3	30	163	----------	449,155	80,725	
Total		1,194,385	45,343	30,788	1,270,516	167	3,191	10	56	255	----------	669,330	132,225	
Lehigh Valley Coal Co.														
Spring Brook	16	75,000	----------	----------	75,000[1]	239	152	----------	2	----------	----------	----------	----------	
Mary G. Coal Co.														
Coleraine Washery	16	4,839	----------	75	4,914	72	31	----------	----------	----------	----------	----------	----------	
Grand total		1,459,086	64,515	42,590	1,566,191	175	4,216	11	64	301	----------	811,205	187,300	
COLUMBIA COUNTY														
Hazle Brook Coal Co.														
Midvalley	22	129,292	2,896	2,692	134,880[1]	242	276	----------	4	78	----------	147,300	4,575	
Lehigh Valley Coal Co.														
Centralia	22	49,518	15,118	2,292	66,928[2]	44	732	----------	5	19	----------	59,570	----------	
Harry L. Mitchneck														
Clift	16	14,286	1,458	82	15,826	173	63	----------	----------	10	----------	1,000	4,000	

[1] Coal hauled to Spring Mountain Colliery for preparation.

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1930—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives		
											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
COLUMBIA COUNTY—Cont'd.													
Nay-But Coal Co.													
Nay-But	16	7,261	963	118	8,342	78	94		4	8		650	2,050
Phila. & Reading Coal & Iron Co.													
Potts	22	343,359	36,317	6,181	385,857[3]	237	592		22	103			262,316
Grand total		543,716	56,752	11,365	611,833	147	1,757		35	218		208,520	272,941
[1] Includes 17,521 tons of coal and 5 employes from Stripping operation.													
[2] Includes 4,611 tons of coal and 39 employes from Stripping operation.													
[3] Prepared at Central Breaker, Locust Summit, 23rd District.													
DAUPHIN COUNTY													
Susquehanna Collieries Co.													
Short Mountain	25	232,371	54,876	14,697	301,944	174	790		23	79		84,811	110,385
Short Mountain Washery	25	64,762	2,740		67,502	197	28						
Williamstown	25	364,659	21,837	8,489	404,985	191	1,198	5	21	140		144,780	156,325
Grand total		661,792	89,453	23,186	774,431	184	2,016	5	44	219		229,591	266,710
LACKAWANNA COUNTY													
Ampere Coal Co.													
Radiant Mine[1]	2	13,500	225		13,725	158	55				800	325	1,800
John J. Barrett													
Dana Slope[2]	1	24,000			24,000	302	47				60,000	75,000	
Beardslee & Lewis Coal Co.													
Stone Quarry	1	1,225		23,276	24,501	246	64	2		1	1,500	16,375	1,875
Carova Coal Mining Co.													
Boland[3]	1	65,493			65,493	298	79	1	1	8		4,287	38,318

Tappans Mine[4]	2	116,345	1,344		117,689	243	279	1	7	79	1,750	121,500	
Total		181,838	1,344		183,182	255	358	2	8	87	1,750	125,787	38,318
Childs Coal Co.													
Winton[2]	1	14,860			14,860	268	36		1	4	2,350		3,400
Coal & Timber Co.													
Slope[2]	1	21,571			21,571	250	41				12,950	925	4,000
D. F. M. Mining Co.													
D. F. M. Mine[5]	2	3,612			3,612	178	47					4,875	
Dunmore Anthracite Coal Co.													
Dunmore[6]	6	3,225			3,225	156	8				1,250	1,200	
Flagg Coal Co.													
Spring Brook	7	56,105	925	855	57,885	300	30		1	16			
Gap Mining Co.													
Radiant Mine[1]	2	8,583	140		8,723	107	50		1	1	250	200	1,400
John Gibbons Coal Co.													
Gibbons	5	3,493		2,621	6,114	29	82					800	400
Glen Alden Coal Co.													
Archbald	5	247,812	15,917		263,729	215	886	2	3	137	51,600	62,000	
Baker	5	440,234	14,009	9,058	463,301	211	1,425	8	12	147	366,100	190,500	
Diamond	3	441,315	22,190		463,505	237	1,329	3	13	157	458,250	407,500	
Hampton Plants	5					365	68	1		3			
Hyde Park	5	279,424	29,821	43,531	352,776	211	1,263	4	19	90	107,600	232,000	
Pyne	4	266,974	16,780		283,754	249	710	3	7	177	228,625	39,500	
Storrs	5	768,055	72,649	35,796	876,500	211	2,452	7	28	283	856,000	437,150	11,500
Taylor	4	275,426	18,697	22,039	316,162	210	1,330	4	4	150	194,500	155,250	30,000
Total		2,719,240	190,063	110,424	3,019,727	219	9,463	32	86	1,144	2,262,675	1,523,900	41,500
Green Ridge Coal Co.													
Green Ridge	4	44,933		15,828	60,761	255	143		1	30	27,750	7,200	66,000
Hudson Coal Co.													
Clinton	1	45,138	1,701	1,006	47,845	177	154		5	60	170,800	46,648	35,707
Coal Brook	2	547,279	68,479	4,062	619,820	230	1,325	2	24	239	181,475	60,301	91,473
Eddy Creek	3	1,919,730	72		1,019,802	275	1,784	3	27	318	1,094,900	8,725	331,035
Gravity Slope	2	575,463	38,154	13,820	627,437	284	1,122	4	31	325	137,175	35,023	173,061
Jermyn	1	519,006	4,100		523,106	226	1,027	5	15	148	204,200	10,873	176,974
Marvine	3	908,956	77,832	60,949	1,047,737	291	1,890	8	24	465	1,356,025	74,457	192,649
Olyphant	6	673,621	127,943	31,155	832,719	222	1,868	8	24	314	373,375	1,885	408,801
Powderly	1	389,301	9,963	13,386	412,650	206	1,100	1	31	286	138,600	2,213	63,494
Total		4,678,494	328,244	124,378	5,131,116	250	10,270	31	181	2,155	3,656,550	240,125	1,473,194
Humbert Coal Co.													
Humbert	1	80,292	118	973	81,383	215	244	1	5	8	23,125	1,750	49,425
Joseph J. Jermyn, Estate of													
Jermyn	4	217,827	21,118	15,902	254,847	180	661	3	11	153	25,625	32,000	251,000

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1930—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives		
											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
LACKAWANNA COUNTY—Cont'd.													
Lackawanna Anthracite Mining Co.													
Richmondale	1	80,004	750	300	81,054	227	192	1	2	10	21,925	16,375	48,450
Lackawanna Coal Co.													
Lackawanna	6	156,652	3,245	2,330	162,227	181	446	3	2	39	33,535	164,075	
Lackawanna Valley Fuel Co.													
Childs Mine[7]	2	851			851	96	31					125	300
Old Buffalo[8]	1	12,169			12,169	300	55			27	1,000	125	4,750
Throop Washery[9]	6					154	29			6			
Total		13,020			13,020	208	115			33	1,000	250	5,050
Lehigh Valley Coal Co.													
Broadwell	7	68,733	3,865	314	72,912	206	126	1	1	9	19,025	7,700	53,075
Light Co.													
Light Stripping[5]	2	34,076			34,076	178	29				3,575	1,625	
Meadowside Coal Co.													
Meadowside	6	35,119	500	10,859	46,478	182	150		2	23	12,275	7,625	9,250
Mid-City Coal Co.													
Bulls Head	3	37,386	700	21,377	59,463	215	134		1	37		2,350	36,550
Mine Run Coal Co.													
Devils Eyebrow[2]	1	16,328	340		16,668	242	31			9	6,824	2,976	2,984
Moffat Coal Co.													
Moffat	5	49,169	396		49,565	198	193		6	21	4,625	4,600	37,750
Norwesco Mining Co.													
Northwest[10]	1	10,563			10,563	69	29				902	322	2,877
The Pittston Co.[11]													
Erie Mine[12]	9	30,773	2,073	240	33,086	58	351			13	6,650	1,815	16,595
Forest City	1	46,509	11,052	3,653	61,214	93	357		4	74	35,275	22,845	74,540
No. 1	6	688,656	39,261		727,917	243	1,412	7	21	403	737,325	10,415	102,922

No. 5	4	155,747	15,059	49,369	220,175	251	567		5	160	124,447	11,120	98,410
Old Forge	4	71,781	11,852	1,537	85,170	58	729	1	1	49	29,975	3,285	28,150
Underwood	5	453,147	23,602	2,974	479,723	158	1,479	2	7	282	282,775	19,620	208,960
Total		1,446,613	102,899	57,773	1,607,285	166	4,895	10	38	981	1,216,447	69,100	529,577
Price-Pancoast Coal Co.													
Pancoast	4	209,631	18,357	5,985	233,973	235	579	2	16	158	122,350	12,650	51,700
Racket Brook Coal Co.													
Racket Brook	1	60,309	120	1,259	61,688	114	254		1	35	41,525	7,100	56,075
Raub Coal Co.													
Austin	7	27,642			27,642	212	98		1	3		7,025	34,000
Scott, Farber & Consargra													
West Side	2			800	800	108	19				50	75	100
Scranton Coal Co.													
Capouse[13]	4	39,064	1,105		40,169	51	572		2	14	46,850	9,450	32,325
Johnson	6	29,684	2,418	5,914	38,016	51	562		1	7	21,450	4,775	28,100
Mt. Pleasant[14]	4	119,881	1,191		121,072	300	242		6	50	84,075	75	9,931
Ontario	6	96,283	3,378	8,185	107,846	78	650	1	7	25	31,275	13,650	17,112
Pine Brook	4	438,378	12,716	85,963	537,057	300	1,198	6	9	98	395,450	67,533	82,808
Raymond Mine[15]	2	62,328	2,739		65,067	78	564			8	17,425	13,175	70,662
Richmond No. 3	6	8,535			8,535	51	122	1	1	3	5,850	1,550	5,450
Riverside	2	26,863	2,932	1,292	31,087	51	374	1	2	8	37,200	4,571	
West Ridge[13]	3	3,767			3,767	53	49			1			2,475
Total		824,783	26,479	101,354	952,616	141	4,333	9	28	214	639,575	114,779	248,863
Seymour Coal Co.													
Glendale	1	160,299	600	7,200	168,099	284	452	1	3	35	92,700	12,350	169,400
Sindaco Coal Co.													
Sindaco	5	930			930	224	19		1		250	1,000	175
South Penn Collieries Co.													
Legitts Creek[16]	3	287,311	40,753	4,375	332,439	277	660	1	12	238	45,000	8,551	178,869
Von Storch	3	352,325	3,640	60,970	416,935	298	800	3	11	304	2,375	12,963	212,211
Total		639,636	44,393	65,345	749,374	289	1,460	4	23	542	47,375	21,514	391,080
Spencer Coal Co.													
Spencer	6	46,626	1,050	21,334	69,010	232	194	1	2	51	1,625	17,050	24,825
Spring Brook Coal Co.													
Spring Brook	5	3,500			3,500	262	18	1		4	2,200	250	4,150
Temple Coal Co.													
Sterrick Creek	2	249,398	33,515	21,769	304,682	178	846	4		95	19,888	359,500	14,000
Throop Coal Co.													
Crippen[6]	6	3,924			3,924	116	14			1			600
West Brook Coal Co.													
West Brook Mine[16]	2	26,398			26,398	205	35				875		4,825
Wilson Bros. Co.													
Wilson Mine[5]	2	2,491			2,491	205	15				200	2,500	400

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1930—Continued

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											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
LACKAWANNA COUNTY—Cont'd.													
Wilson Coal Co.													
Frisbie[2]	1	4,520			4,520	142	32				8,000	3,400	
Grand total		12,280,548	779,386	612,256	13,672,190	212	36,317	108	422	5,899	8,373,321	2,866,653	3,658,068

[1] Operated by Ampere Coal Co. to July 20 and by Gap Mining Co. beginning Aug. 6. Coal shipped to Kingston Coal Co., No. 2 Breaker, 12th District, for preparation.
[2] Coal sold run-of-mine to Kingston Coal Co.
[3] Formerly operated by Langcliffe Collieries, Inc.; coal prepared at Langcliffe breaker, 7th District.
[4] Coal shipped to Carova Coal Co. Breaker at Avoca, 7th District, for preparation.
[5] Coal shipped to Sterrick Creek Breaker for preparation.
[6] Coal prepared at Throop Washery, 6th District.
[7] Began operations Sept. 2. Coal shipped to Throop Washery, 6th District, for preparation.
[8] Coal prepared at Throop Washery, 6th District.
[9] Prepared coal from Dunmore and Crippen mines.
[10] Formerly operated by Triplex Coal Co.; coal prepared at Langcliffe Breaker, 7th District.
[11] Formerly Pennsylvania Coal Co.
[12] Coal prepared at Underwood Breaker, 6th District.
[13] Coal prepared at Johnson Colliery, 6th District.
[14] Coal prepared at Pine Brook Colliery, 4th District.
[15] Coal prepared at Ontario Breaker, 6th District.
[16] Coal prepared at Von Storch Breaker, 3rd District.

LUZERNE COUNTY													
Alden Coal Co.													
Alden	14	251,111	1,943	7,295	260,349	232	768	4	14	85		9,451	124,000
Alden Washery	14	63,347	2,896		66,243	247	17						

Total		314,458	4,839	7,295	326,592	232	785	4	14	85		9,451	124,000
Barry Coal Co.													
East Boston	12	15,641			15,641	290	35			6			400
Buck Mountain Coal Mining Co.													
Gowen	15	137,195	1,533	3,012	141,740	263	235	1	4	141		15,260	64,025
Carova Coal Mining Co.													
Langcliffe	7	57,852	5,850	6,129	69,831	198	166	1	2	61		4,200	27,460
John Conlon Coal Co.													
Keystone[1]	10	30,264			30,264	198	114	1	2		6,250	4,900	15,700
Madeira	10	151,411	300	23,332	175,043	256	394		15	124	40,550	12,500	63,000
Total		181,675	300	23,332	205,307	243	508	1	17	124	46,800	17,400	78,700
Coxe Brothers & Co., Inc.													
Deringer & Tomhicken	15	357,693	16,692	3,691	378,076	263	788	1	6	162		363,400	
Drifton	15	180,477	68,172	16,584	265,233	203	588		5	83		161,729	
Eckley & Buck Mountain	15	368,527	41,539	3,977	414,043	299	472	1	4	120		127,350	
Total		906,697	126,403	24,252	1,057,352	253	1,848	2	15	365		652,479	
R. M. Cranston													
Cranston	8	9,320	100		9,420	244	28			5	500		12,000
East Alden Mining Co.													
East Alden	14	18,896	150		19,046	171	34	1		11		1,100	6,925
East Boston Coal Co.													
East Boston	10	218,984	45,625	26,813	291,422	290	614	2	15	215	58,125	11,000	55,000
Flanagan Coal Co.													
No. 14 washery	8	17,805			17,805	46	52						
Fox Hill Mining Co.													
Fox Hill[2]	10	27,526			27,526	249	54			8	11,875	4,900	19,850
Glen Alden Coal Co.													
Auchincloss	14	230,822	18,197		249,019	209	494		5	61		1,200	252,000
Avondale	13	141,268	4,915	6,441	152,624	206	480	2	8	78		4,500	75,000
Bliss	14	452,067	49,421	8,889	510,377	220	1,168	8	18	211	2,500	31,500	342,000
Buttonwood	13	394,740	51,611	5,510	451,861	192	1,180	3	20	174		875	266,575
Grand Tunnel	13	83,132	6,086		89,218	210	303	1	4	49		6,500	28,500
Hallstead	7	149,895	9,421		159,316	244	428		7	84	46,875	8,500	44,900
Hollenback	11	215,213	25,334	40,542	281,089	193	880	2	6	95	3,850	5,625	192,025
Lance No. 11	12	371,517	25,228	46,839	443,584	192	1,193	6	13	165	167,300	4,013	195,900
Loomis	13	692,996	55,955	16,765	765,716	209	1,706	3	25	198		38,000	602,000
Maxwell	13	549,246	36,350	20,629	606,225	186	1,619	5	15	197		8,525	411,075
Nanticoke Power Plant	13					365	65		2	5			
Nottingham No. 15	12	299,229	35,095	15,450	349,774	192	993	1	11	206	1,275	13,641	138,501
Pettebone	10	334,581	34,859	7,019	376,459	210	1,157	3	7	139	7,500	23,000	345,000
So. Wilkes-Barre	11	341,229	29,202	81,937	452,368	194	1,272	1	5	208		6,275	255,400
Stanton	11	504,632	50,296	32,708	587,636	191	1,865	5	22	221		11,275	432,650
Sugar Notch	13	293,342	27,802	4,145	325,289	191	1,078	1	7	120		13,925	238,300
Truesdale	13	1,059,731	78,445	10,896	1,149,072	230	2,491	6	25	272	150	105,000	758,000

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1930—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives		
											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
LUZERNE COUNTY—Cont'd.													
Glen Alden Coal Co.—Cont'd.													
Wanamie	14	580,344	31,038	12,963	624,345	236	1,232	3	19	152	50	55,375	295,863
Woodward	12	674,848	41,622	43,545	760,015	209	1,599	4	17	148	3,125	3,250	473,500
Total		7,368,832	610,877	354,278	8,333,987	206	21,203	54	236	2,783	232,625	340,979	5,347,189
Harris-Denly Coal Co.													
Kintz	9	8,067	1,051	2,932	12,050	220	36	-------	1	7	----------	1,200	12,000
Hillman Colliery Co.													
Hillman	11	15,498	200	13,813	29,511	223	77	1	4	13	----------	----------	27,000
Hudson Coal Co.													
Baltimore No. 5[3]	11	225	365	----------	590[4]	-------	79	-------	1	6	----------	602	22
Laflin[3]	7	----------	----------	----------	----------	-------	74	1	1	11	----------	----------	----------
Loree No. 5	12	615,017	50,765	42,311	708,093[5]	159	2,673	8	44	323	561,800	75,480	58,745
Pine Ridge	10	836,884	82,802	31,110	950,796	228	2,279	5	63	409	1,056,100	141,332	130,762
Total		1,452,126	133,932	73,421	1,659,479	185	5,105	14	109	749	1,617,900	217,414	189,529
Jeddo-Highland Coal Co.													
Highland No. 2	15	56,704	5,768	14,684	77,156	294	200	-------	3	29	----------	33,523	----------
Highland No. 5	15	313,111	20,416	----------	333,527	293	727	-------	14	162	----------	338,325	81,150
Jeddo No. 4 & Ebervale	15	536,469	42,564	36,495	615,528	267	1,213	3	12	292	----------	487,400	20,575
Jeddo No. 7[6]	15	----------	2,737	----------	2,737	212	197	-------	1	----------	----------	46,900	----------
Total		906,284	71,485	51,179	1,028,948	273	2,337	3	30	483	----------	906,148	101,725
John-Ames Coal Co.													
Franklin Washery	11	8,305	206	10,746	19,255	164	24	1	-------	2	----------	----------	----------
Kingston Coal Co.													
Gaylord	12	104,969	10,524	12,990	128,483[7]	254	270	-------	1	56	625	16,300	5,050
Kingston No. 2	12	212,524	14,434	34,280	261,238	254	718	1	12	148	85,050	4,875	15,100

Kingston No. 4	9	244,366	33,185	389	277,940	253	695	5	8	130	49,500	6,975	26,370
Total		561,859	98,143	47,659	667,661	254	1,683	6	21	334	135,175	28,150	46,520
George F. Lee Coal Co.													
Chauncey	13	117,458	276	28,561	146,295	248	322	1	6	34		9,000	44,100
Lehigh Coal Co.													
Hazle Mountain	15	5,635	200	400	6,235	51	50			2		14,000	
Lehigh Navigation Coal Co.													
Cranberry	16	299,944	11,812	31,755	343,511	186	832	2	2	62		20,400	108,380
Lehigh Valley Coal Co.													
Dorrance	11	534,173	38,172	87,494	659,839	276	1,073	5	29	131	15,175	555,475	
Exeter	9	303,456	47,337	21,520	372,313	223	816	3	14	74	5,050	3,075	279,250
Franklin	11	188,050	27,651	6,190	221,891	176	538	2	11	49	425	17,175	70,475
Hazleton No. 1	15	309,709	23,806	45,138	378,653	281	681	1	20	156		148,750	
Hazleton Shaft & Stockton	15	295,002	55,027		350,029	240	559		9	116		162,228	
Heidelberg	7	60,538	3,596	1,117	65,251	162	227		2	13	2,375	44,350	
Humboldt Slopes[8]	16						33			2		11,075	
Maltby	9	219,505	22,615	10,981	253,101	221	649	2	17	69	8,350	2,875	204,100
Mineral Springs	10	16,223	647		16,870	55	161		2	8	525	6,375	
Prospect	9	209,540	30,910		240,450	167	899	2	16	144	13,125	170,765	20,625
Prospect (Henry)	10	197,627	33,219	3,854	234,700	164	694	2	20	94	28,875	160,825	15,925
Seneca	7	154,409	31,338	7,384	193,131	224	504	1	4	44	14,400	17,600	113,525
Spring Mountain	16	440,979	41,613	5,414	488,006	239	660	2	13	167		157,949	
Warrior Run	13	37,465	778		38,243	166	97	2	1	12		1,275	15,425
Westmoreland	9	130,730	14,616	6,132	151,478	201	388	2	4	28	250	131,025	850
William A	7	103,184	6,707	7,122	117,013	167	350		3	20	8,025	2,275	61,675
Total		3,200,590	378,032	202,346	3,780,968	213	8,329	24	165	1,127	96,575	1,593,092	781,850
Lynott Coal Co.													
Stripping	8	2,800	300	400	3,500	252	12			3			1,800
M. & M. Coal Co.													
Clifford Washery	7	78,071	3,650	166	81,887	242	36						
Miners Mills Coal Mining Co.													
Miners Mills[9]	10	108,050			108,050	294	187	2	2	94		1,500	43,750
Nanticoke Valley Coal Co.													
Washery	14	79,527			79,527	296	52						
Pardee Bros. & Co., Inc.													
Beaver Brook[10]	16	111,007	5,784	653	117,444	263	183	1	11	42		8,075	46,125
Lattimer	15	288,151	32,472	11,945	332,568	247	749	2	8	193		81,525	191,500
Total		399,158	38,256	12,598	450,012	250	932	3	19	235		89,600	237,625
Park Red Ash Coal Co.													
Park Red Ash[11]	11		365	20,477	20,842	196	22					22,400	
Pittston Coal Mining Co.													
Hadleigh	13	22,875	8,000	1,328	32,203[12]	162	151		1	35		16,000	1,675

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1930—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives		
											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
LUZERNE COUNTY—Cont'd.													
The Pittston Co.													
Butler	7	290,164	25,258	6,759	322,181	149	1,495	3	20	262	335,625	35,383	101,210
Central	7	125,745	20,762	2,798	149,305	132	480	3	4	85	46,600	8,828	18,767
Ewen	8	627,556	72,633	----------	700,189	206	1,664	2	19	436	247,057	24,542	386,626
No. 6	8	279,449	56,991	9,930	346,370	133	1,546	5	20	365	253,075	46,590	74,515
No. 9	8	503,019	64,643	12,568	580,230	196	1,381	5	7	310	277,300	6,995	147,205
No. 14	8	512,891	63,116	8,931	584,938	188	1,753	2	14	492	401,460	37,905	121,215
Total		2,338,824	303,403	40,986	2,683,213	172	8,319	22	84	1,950	1,561,117	160,243	849,538
Plymouth Mining Co.													
Plymouth	12	6,000	----------	9,754	15,754	243	15	----------	----------	----------	100	800	----------
Plymouth Red Ash Coal Co.													
Red Ash	12	35,975	75	14,549	50,599	302	109	1	----------	46	----------	9,300	5,575
T. F. Quinn Coal Co.													
Consolidated	7	25,220	1,920	608	27,748	128	222	1	2	24	----------	4,500	19,500
Raub Coal Co.													
Louise	10	69,964	1,000	18,259	89,223	212	288	----------	5	25	----------	15,000	33,500
Rose Coal Co.													
Florence	7	9,125	50	1,750	10,925	168	99	----------	1	14	10,200	500	----------
Sandy Run Coal Co.													
Sandy Run	15	73,144	913	860	74,917	166	201	----------	1	19	----------	17,600	----------
Scranton Anthracite Coal Co.													
Barnum	7	----------	1,000	44,890	45,890	230	97	----------	7	83	----------	----------	56,130
Pickaway	7	19,600	----------	----------	19,600	230	58	1	----------	15	----------	----------	42,300
Total		19,600	1,000	44,890	65,490	230	155	1	7	98	----------	----------	98,430
E. S. Stackhouse													
Salem	14	17,938	410	17,270	35,618	156	122	----------	----------	----------	300	7,350	13,600

Suscon Coal Co.													
Suscon[13]	9	16,550			16,550	237	43				11,950	5,050	
Susquehanna Collieries Co.													
No. 6	14	693,789	20,177	17,773	731,739	247	1,501	1	27	98		175,968	136,450
No. 7	14	828,523	39,719	27,675	895,917	253	2,402	9	41	164	10,225	46,485	792,050
Total		1,522,312	59,896	45,448	1,627,656	251	3,903	10	68	262	10,225	222,453	928,500
Temple Coal Co.													
Harry E.	9	270,925	46,326	13,649	330,900	238	880	1	9	58	50,300	222,050	
Troy Coal Co.													
Troy	9	16,810	251	4,280	21,341	260	52	1	1	6		4,500	17,500
West End Coal Co.													
West End	14	377,081	4,056	11,592	392,729	277	827	4	15	359	1,300	69,375	111,200
Wolf Collieries Co., Inc.													
Woodside Mines[14]	15	37,804			37,804	203	76			24		400	18,500
Yatesville Coal Co.													
Yatesville[15]	9	48,307			48,307	301	54		2	6	32,500	5,700	
Grand total		21,426,705	1,920,885	1,166,787	24,514,377	213	61,114	164	858	9,875	3,877,567	4,720,494	9,427,346

[1] Coal prepared at Madeira Colliery.
[2] Coal prepared at breaker of Kingston Coal Co.
[3] Idle.
[4] Coal prepared at Loree No. 5 Colliery, 12th District.
[5] Includes 12,468 tons from stripping; 590 tons additional prepared that were mined at Baltimore No. 5 Colliery, 11th District.
[6] Breaker prepared coal mined at Deringer & Tomhicken, Coxe Bros. & Co., Inc.
[7] 9,371 tons additional prepared that were shipped from stripping of Park Red Ash Coal Co., 11th District.
[8] Development work.
[9] Coal prepared at East Boston Breaker.
[10] Coal hauled to Lattimer Colliery, 15th District, for preparation.
[11] 11,471 tons prepared at Hadleigh Colliery, 13th District, and 9,371 tons prepared at Gaylord Colliery, 12th District.
[12] 11,471 tons additional were prepared that were shipped from Park Red Ash Stripping, 11th District.
[13] 1,000 tons produced by Stripping operation.
[14] Coal prepared at Drifton Breaker.
[15] 2,500 Tons produced by Stripping operation.

NORTHUMBERLAND COUNTY

Colonial Colliery Co.													
Colonial	23	720,841	4,853	6,887	732,581[1]	258	1,108	2	13	121		145,900	301,700
Excelsior Coal Co.													
Corbin	24	233,820	7,840	1,040	242,700	276	220	1	4	26		200	18,000
Lehigh Valley Coal Co.													
Sayre[2]	22	201,624	60,991	7,255	269,870	147	854	1	14	103		179,151	
Northumberland Mining Co.													
Enterprise	24	373,319	8,690	4,961	386,970	296	694	3	9	126		54,758	275,136
Phila. & Reading Coal & Iron Co.													
Alaska	23	393,001	16,735		409,736	225	762	5	28	143		276,750	124,000

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1930—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives: Pounds of black powder used	Explosives: Pounds of dynamite used	Explosives: Pounds of permissible explosives used
NORTHUMBERLAND COUNTY—Cont'd.													
Phila. & Reading Coal & Iron Co.—Cont'd.													
Bear Valley	24	297,212	25,610	919	323,741	229	778		15	66		192,000	
Burnside[3]	24	341,839	49,337	24,531	415,707	367	1,094	2	38	132		146,465	18,577
Central Breaker[4]	23					363	335		1				
Henry Clay	24	283,505	28,313	69,436	381,254	270	712	1	20	74		136,972	86,575
Locust Spring	23	863,681	93,194	3,013	959,888[5]	299	1,415	1	44	259		171,600	286,525
Reliance	23	216,897	19 579	16,202	252,678	211	533	2	12	89		105,188	66,250
Total		2,396,135	232,768	114,101	2,743,004	284	5,629	11	158	763		1,028,975	581,927
Steinhart Coal Co.													
Katherine	24	1,708	365	19,222	21,295	273	43		1	1		4,500	
Stevens Coal Co.													
Trout Run Washery	24	354,368	1,000	6,114	361,482	298	142	1					
Susquehanna Collieries Co.													
Cameron	24	275,727	2,558	24,040	302,325	194	609	1	16	50		52,122	155,225
Pennsylvania	23	402,400	1,858	12,691	416,949	258	959	1	25	92		60,325	246,745
Richards	23	545,909	3,030	30	548,969[6]	285	1,096	8	25	101		96,925	379,350
Total		1,224,036	7,446	36,761	1,268,243	254	2,664	10	66	243		209,372	781,320
Grand total		5,505,851	323,953	196,341	6,026,145	265	11,354	29	265	1,383		1,622,856	1,958,083

[1] Includes 76,306 tons produced at Stripping operation.
[2] Includes 26,085 tons of coal and 29 employes from Stripping operation.
[3] Worked two shifts each day for five months.
[4] Central Breaker prepares coal mined at Locust Spring, Alaska and Reliance Collieries, 23rd District, and at Potts and Bast Collieries and Bancroft Stripping, 22nd District.
[5] Includes 270,471 tons from Stripping operation.
[6] Includes 16,201 tons produced at Stripping operation.

SCHUYLKILL COUNTY													
Bell Colliery Co.													
Bell	18	75,868	150	8,299	84,317	274	150		1	51		25,950	34,500
Black Health Coal Co.													
Black Heath	19	7,179	360	1,421	8,960	218	25		1	2			288
Buck Run Coal Co.													
Buck Run	19	290,755	4,625	2,715	298,095[1]	250	506	5	14	153		64,353	110,425
Chestnut Hill Coal Co.													
Chestnut Hill	18	10,094		3,522	13,616	177	34			4		2,250	11,425
Coxe Bros. & Co., Inc.													
Oneida[2]	16	126,326	13,225	2,023	141,574	169	418		9	95		102,224	
East Bear Ridge Colliery Co.													
East Bear Ridge	23	182,771	6,500	3,850	193,121[3]	230	446		3	48		107,550	
Frackville Coal Co.													
Lucanna	18	56,403	848	18,558	75,809	285	115		3	68		14,600	24,025
Glen Alden Coal Co.													
Audenried	16	428,646	69,844	7,313	505,803[4]	289	1,170	5	19	143	8,475	10,650	192,800
Haddock Mining Co.													
Candlemas	16	464,298	4,897	4,796	473,991[5]	212	892	2	10	85	12,500	340,600	20,625
Salem Hill[6]	18	2,070	50		2,120	298	16		3	6		20,400	3,150
Total		466,368	4,947	4,796	476,111	214	908	2	13	91	12,500	361,000	23,775
Hazle Brook Coal Co.													
Maryd	18	132,592	46,329	21,185	200,106	242	326		4	90		62,575	44,650
Raven Run	21	252,302	6,426	1,865	260,593[7]	279	472	3	7	114	15,700	111,300	37,170
Westwood	25	132,430	3,425	15,148	151,003	214	283	1	8	48		47,825	60,630
Total		517,324	56,180	38,198	611,702	251	1,081	4	19	252	15,700	221,700	142,450
Harleigh-Brookwood Coal Co.													
Lawrence	22	273,089	5,785	9,690	288,564	227	695	3	18	90		204,547	17,000
Lavelle Coal Co.													
Bickle (Mowrey)	22	26,380	80	2,160	28,620	155	52		1	7		5,550	2,000
Lehigh Navigation Coal Co.													
Alliance	18	359,326	8,252	9,041	376,619	271	699	4	12	119		67,666	100,275
Coaldale	17	351,862	28,772	20,510	401,144	199	693	4	10	186		922,948	109,687
Greenwood	17	277,597	6,534		284,131	164	809	1	9	64		220,850	38,150
Rahn	17	310,091	7,490		317,581	171	796		17	81		190,400	46,900
Tamaqua	18	282,928	2,910	14,132	299,970	172	840	2	12	102		250,275	46,035
Total		1,581,804	53,958	43,683	1,679,445	193	3,837	11	60	552		1,652,139	341,047
Lehigh Valley Coal Co.													
Buck Mountain	18	4,504	2,725	195	7,824	8	724	2		14		1,158	5,025
Packer No. 4	21	310,672	51,199	3,007	364,878[8]	162	980	4	14	168		118,238	15,225
Packer No. 5	21	38,644	9,692	852	49,188	36	695		8	28		26,150	14,725
Park	20	285,057	51,464	6,587	343,108[9]	162	1,005	2	18	225		98,325	116,338

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1930—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives		
											Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used
SCHUYLKILL COUNTY—Cont'd.													
Lehigh Valley Coal Co.—Cont'd.													
Springdale Washery	20	54,222	968	----------	55,190	81	53	1	1	----------	----------	----------	----------
Total	----------	693,499	116,048	10,641	820,188	103	3,457	9	41	435	----------	243,871	151,313
Locust Mountain Coal Co.													
Weston	21	243,428	3,067	2,880	249,375	221	500	3	9	46	----------	176,964	----------
Lytle Coal Co.													
Lytle	19	321,019	10,238	6,364	337,721	232	814	10	23	129	----------	57,368	183,013
Mill Creek Coal Co.													
Middle Lehigh	18	112,107	208	----------	112,315[10]	253	121	----------	1	32	----------	46,551	27,795
Morea	18	238,519	2,477	3,456	244,452[11]	217	472	2	12	99	----------	72,567	85,925
Wolf Creek	18	54,648	16	----------	54,664	263	97	----------	----------	15	----------	1,817	23,955
Total	----------	405,274	2,701	3,456	411,431	230	690	2	13	146	----------	120,935	137,675
Phila. & Reading Coal & Iron Co.													
Bancroft	22	88,099	556	----------	88,655[12]	157	99	----------	4	12	----------	74,550	----------
Bast	22	308,952	44,341	11,042	364,335[13]	201	679	----------	14	64	----------	223,224	18,700
Brookside	25	529,503	53,391	11,225	594,119	257	1,134	2	13	79	----------	263,385	----------
Eagle Hill[14]	18	----------	295	8	303	----------	6	----------	2	----------	----------	----------	----------
Ellangowan	20	298,342	46,281	----------	344,623	219	821	1	16	148	----------	46,670	126,940
Gilberton	22	261,508	26,974	10,462	298,944[15]	192	764	10	30	134	----------	153,188	22,525
Good Spring	25	55,891	79,352	35,833	171,076	46	822	----------	9	26	----------	42,675	10,000
Hammond	21	283,689	45,905	6,854	336,448[16]	230	613	6	14	80	----------	160,183	59,375
Lincoln	25	77,254	20,887	4,370	102,511	48	946	4	2	19	----------	29,400	2,050
Mahanoy City	20	223,392	26,369	25,096	274,857	239	615	----------	6	64	----------	144,529	----------
Maple Hill	20	458,358	75,584	----------	533,942	282	1,036	3	26	247	----------	70,600	114,450
North Mahanoy	20	225,774	39,728	9,067	274,569[17]	216	695	1	11	62	----------	122,200	1,025
Otto	19	190,939	27,540	3,800	222,279	152	678	3	8	67	----------	41,000	71,175

Pine Knot	19	574,365	45,848	7,177	627,390[18]	225	1,185	5	25	119		314,592	67,478
Reevesdale[14]	18		2,591	29	2,620		7						
Shenandoah City	21	288,546	49,418	33,601	371,565	216	934	2	28	172		154,829	27,175
Silver Creek	18	199,072	32,446	4,871	236,389	150	714	2	17	60		79,222	
Tunnel Ridge	20	310,553	54,531	5	365,089	267	713	1	7	83		171,241	11,925
Wadesville	18	34,268	14,298	16,642	65,208	46	752		1	19		14,447	
West Shenandoah	21	342,511	32,768	1,030	376,309[19]	206	756	4	33	185		117,707	56,335
Total		4,751,016	719,103	181,112	5,651,231	189	13,969	44	266	1,640		2,223,642	589,153
Pine Hill Coal Co.													
Oak Hill	19	321,230	4,611	23,006	348,847	219	822	3	39	159		64,882	181,675
Pine Hill	19	335,070	3,749	280	339,099	210	861	7	25	140		81,036	167,875
Total		656,300	8,360	23,286	687,946	214	1,683	10	64	299		145,918	349,550
Repplier Coal Co.													
New Castle	19	298,579	700	3,010	302,289	258	491	5	11	134		75,713	158,715
Saint Clair Coal Co.													
Saint Clair	18	278,780	11,401	11,908	302,089	282	559	1	5	107		166,838	
Sherman Coal Corp.													
Sherman	19	131,035	250	45,945	177,230	287	197	4	2	45		36,025	25,375
South Penn Collieries Co.													
Randolph	18	160,561	2,265	47,441	210,267	291	234	2	6	183		86,054	23,105
Strange Coal Co.													
Strange Washery	18	20,600			20,600	164	11						
Susquehanna Collieries Co.													
William Penn	21	220,195	9,471	1,884	231,550	208	638	2	11	66		121,893	36,087
Syncline Contracting Co.													
Syncline Stripping	22	27,878	5,240		33,118[20]	177	56					21,000	
Thomas Colliery Co.													
Thomas	21	146,234	1,343	5,601	153,178[21]	218	346	1	3	60		18,345	43,559
Grand total		12,397,505	1,106,689	489,756	13,993,950	196	33,082	123	615	4,837	36,675	6,267,079	2,597,271

[1] Includes 56,100 tons produced at Stripping operation.
[2] Coal hauled to No. 7 Colliery, Jeddo-Highland Coal Co., 15th District, for preparation.
[3] Includes 15,911 tons of coal and 20 employes from Stripping operation.
[4] Includes 99,389 tons produced at Stripping operation.
[5] 2,120 tons additional prepared at Candiemas Colliery that were mined at Salem Hill Colliery, 18th District.
[6] Coal prepared at Candiemas Colliery, 16th District.
[7] Includes 39,171 tons from Stripping operation.
[8] Includes 22,000 tons from Stripping operation.
[9] Includes 38,581 tons produced at Stripping operation.
[10] Includes 40,058 tons prepared at Kehley Run Colliery, 21st District.
[11] Includes 77,516 tons produced at Stripping.
[12] Produced at Stripping operation; prepared at Central Breaker, Locust Summit, 23rd District.
[13] Includes 92,075 tons of coal and 28 employes from Stripping operation; all coal prepared at Central Breaker, Locust Summit, 23rd District.

Table 2—Number of tons of coal mined, number of days worked, number of persons employed, number killed and injured, quantity of powder, dynamite and permissible explosives used, 1930—Continued

Operators and collieries	District	Tons of coal shipped to market	Tons used at collieries for steam and heat	Tons sold to local trade and used by employes	Total production of coal in tons (gross)	Number of days worked	Number of employes	Number of fatal accidents	Number of non-fatal accidents disability 60 days or more	Number of non-fatal accidents disability less than 60 days	Explosives: Pounds of black powder used	Explosives: Pounds of dynamite used	Explosives: Pounds of permissible explosives used
SCHUYLKILL COUNTY—Cont'd.													
[14] Idle.													
[15] Includes 972 tons of coal and 7 employes from Stripping operation.													
[16] Includes 71,864 tons from Stripping operations.													
[17] Includes 18,466 tons produced at Stripping operation.													
[18] Includes 85,026 tons produced at Stripping operation.													
[19] Includes 18,890 tons from Stripping operations.													
[20] Prepared at Lawrence Colliery Breaker.													
[21] Prepared 40,058 additional tons mined at Middle Lehigh, 18th District.													
SULLIVAN COUNTY													
Anthracite Power & Utilities Co.													
Murray	10	8,376	1,500	853	10,729	75	141	-------	-------	10	800	1,000	8,800
Connell Anthracite Mining Co.													
Connell	10	30,433	9,800	6,244	46,477	63	443	-------	4	18	20,000	5,500	2,000
Grand total		38,809	11,300	7,097	57,206	66	584	-------	4	28	20,800	6,500	10,800
SUSQUEHANNA COUNTY													
Hudson Coal Co.													
Clinton	1	35,646	1,343	794	37,783	177	122	1	3	-------	-------	-------	-------
Pittston Co.													
Forest City	1	33,226	7,895	2,610	43,731	93	335	-------	-------	-------	-------	-------	-------
Grand total		68,872	9,238	3,404	81,514	115	457	1	3	-------	-------	-------	-------

WAYNE COUNTY																
Hudson Coal Co.																
Clinton	1	88,221	3,325	1,965	93,511	177	214		1							
Pittston Co.																
Forest City	1	12,380	2,941	973	16,294	93	60	3								
Grand total		100,601	6,266	2,938	109,805	159	274	3	1							
Grand total all counties		54,483,485	4,368,437	2,555,720	61,407,642	210	151,171	444	2,311	22,760	12,308,363	16,732,898	18,378,519			

Table 4—Showing source of power, number and kinds of boilers, engines, locomotives, and electrical equipment in use, 1929

County	Power Plant												Haulage						
	Boilers				Engines									Locomotives					
	Cylindrical		Tubular		Steam engines (all classes)		Internal combustion engines (gas)		Electric dynamos (all classes)		Electric motors except haulage		Number of horses and mules	Gasoline	Air	Steam	Electric battery	Electric	
	Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total kilowatts	Number	Total horse power							
Carbon			20	4,433	20	3,000			10	2,416	340	25,358	142		1	28	6	47	
Columbia			25	4,150	33	4,921			5	680	74	4,492	101		4	5	5	21	
Dauphin			17	8,210	13	5,308			6	16,545	63	13,326	154			4		20	
Lackawanna	4	355	302	76,208	495	55,268	6	367	116	63,744	2,848	150,336	1,401	5		74	65	696	
Luzerne	9	840	614	160,789	1,650	249,616	10	142	153	76,961	3,890	220,897	3,546	3	23	233	152	873	
Northumberland	2	250	130	22,025	114	27,755	38	3,129	22	9,085	734	60,875	901	1		37	15	111	
Schuylkill	4	180	542	91,429	505	102,299	18	110	69	23,646	2,007	157,533	2,077	3	47	179	54	309	
Sullivan			12	2,500	13	2,315			4	730	15	275	26					14	
Susquehanna*																			
Wayne*																			
Total	19	1,625	1,662	369,744	2,843	450,482	72	3,748	385	193,807	9,971	633,092	8,348	12	75	560	297	2,090	

* See Lackawanna County. Clinton and Forest City Collieries located in Lackawanna, Susquehanna and Wayne Counties.

Table 4—Showing source of power, number and kinds of boilers, engines, locomotives, and electrical equipment in use, 1930

Operators and mines	District	Power Supply	Power Plant												Haulage					
			Boilers				Engines									Locomotives				
			Cylindrical		Tubular		Steam engines (all classes)		Internal combustion engines (gas)		Electric dynamos (all classes)		Electric motors except haulage							
			Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total kilowatts	Number	Total horse power	Number of horses and mules	Gasoline	Air	Steam	Electric battery	Electric
CARBON COUNTY																				
Coxe Bros. & Co., Inc.																				
Beaver Meadow	16	Purchased	----	----	9	2,020	11	1,437	----	----	1	200	22	982	65	----	1	5	----	4
Evans Colliery Co.																				
Evans	16	Purchased	----	----	2	750	----	----	----	----	2	100	41	1,631	22	----	----	----	----	2
Junedale Coal Co. [a]																				
Coleraine Washery	16	Purchased	----	----	1	125	----	----	----	----	----	----	17	646	----	----	----	----	----	----
Lehigh Navigation Coal Co.																				
Coaldale [b]	17																			
Lansford	17	Purchased	----	----	4	933	----	----	----	----	3	1,200	178	17,409	13	----	----	8	2	21
Nesquehoning	17	Purchased	----	----	6	750	----	----	----	----	3	900	122	8,173	19	----	----	13	2	20
Total			----	----	10	1,683	----	----	----	----	6	2,100	300	25,582	32	----	----	21	4	41
Lehigh Valley Coal Co.																				
Spring Brook	16	Purchased	----	----	----	----	----	----	----	----	1	16	25	1,809	----	----	----	----	----	----
Grand total			----	----	22	4,578	11	1,437	----	----	10	2,416	405	30,650	119	----	1	26	4	47
COLUMBIA COUNTY																				
Hazle Brook Coal Co.																				
Midvalley	22	Purchased	----	----	2	500	----	----	----	----	1	150	55	2,698	6	----	----	3	2	2
Lehigh Valley Coal Co.																				
Centralia	22	Purchased	----	----	6	1,800	20	2,400	----	----	4	630	35	1,608	30	----	----	3	2	15
Nay-But Coal Co. [a]																				
Nay-But	16	----	----	----	3	300	3	175	----	----	----	----	----	----	7	----	----	----	----	----

[a] Operated by Mary G. Coal Co. to July, 1931.
[b] See Schuylkill County.

Phila. & Reading Coal & Iron Co.																				
Potts	22	Purchased			16	2,000	10	2,346					29	1,595	55			1	3	4
Grand total					27	4,600	33	4,921			5	780	119	5,901	98			7	7	21

(a) Harry L. Mitchneck, Clift Colliery to September, 1930.

DAUPHIN COUNTY

Susquehanna Collieries Co.																				
Short Mountain	25				12	6,600	11	4,968			3	15,400	106	6,113	66			4		7
Williamstown	25				5	1,610	6	50			4	854	75	18,435	75					13
Total					17	8,210	17	5,018			7	16,254	181	24,548	141			4		20
Grand total					17	8,210	17	5,018			7	16,254	181	24,548	141			4		20

LACKAWANNA COUNTY

Ampere Coal Co.																				
Radiant	2				1	30	1	25							4					
John J. Barrett																				
Dana Slope	1	Purchased											2	28	6					
Beardslee & Lewis Coal Co.																				
Stone Quarry	1	Purchased			1	50							10	145						
Carova Coal Mining Co.																				
Boland	1	Purchased											9	390	7			1		
Tappans	2	Purchased											8	395	10			4	4	
Total													17	785	17			5	4	
Childs Coal Co.																				
Winton	1	Purchased											3	111	3					
Coal & Timber Co.																				
Slope	1	Purchased											2	195	2					
D. F. M. Mining Co.																				
No. 1 Slope	2				1	25	1	20							3					
Dunmore Anthracite Coal Co.																				
Dunmore	6	Purchased											7	85	2					
Flagg Coal Co.																				
Spring Brook	7																	1		
Gap Mining Co.																				
Radiant	2				1	30	1	25							5					
John Gibbons Coal Co.																				
Gibbons	5	Purchased			2	200	2	200					16	600	4				1	
Glen Alden Coal Co.																				
Archbald	5				4	1,212					1	500	71	3,456	2					22
Baker	5				8	2,504					4	2,150	212	10,843	3					40
Diamond	3				8	2,000	3	1,267			8	1,624	108	7,070						35
Hampton Plants	5				23	9,599	3	470			6	9,500	32	7,339						1

Table 4—Showing source of power, number and kinds of boilers, engines, locomotives, and electrical equipment in use, 1930—Continued

Operators and mines	District	Power Supply	Power Plant												Haulage					
			Boilers				Engines									Locomotives				
			Cylindrical		Tubular		Steam engines (all classes)		Internal combustion engines (gas)		Electric dynamos (all classes)		Electric motors except haulage							
			Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total kilowatts	Number	Total horse power	Number of horses and mules	Gasoline	Air	Steam	Electric battery	Electric
LACKAWANNA COUNTY—Cont'd.																				
Glen Alden Coal Co.—Cont'd.																				
Hyde Park	5						13	2,190			3	1,000	124	5,685	5					37
Pyne	4				5	1,515	6	1,374			2	600	57	1,495	1					23
Storrs	5				16	3,667	10	2,350			8	5,025	256	11,948	8				1	52
Taylor	4				4	1,212	3	1,250			3	1,000	136	6,296	6					29
Total					68	21,709	38	8,901			35	21,399	996	54,132	25				1	239
Green Ridge Coal Co.																				
Green Ridge	4	Purchased			1	60							22	434	4	1			4	
Hudson Coal Co.																				
Clinton	1				4	1,080	20	970			3	670	76	3,512	7	1		1	3	7
Coal Brook	2				11	3,972	1	20			5	8,700	160	7,198	10			6		37
Eddy Creek	3				(a)		40	3,014					37	3,001	125			4	8	21
Gravity Slope	2				4	1,080	20	1,455			2	600	71	4,277	56			2	5	15
Jermyn	1				2	926					3	850	106	7,884	6					24
Marvine	3				13	3,450	47	5,165			4	1,200	204	10,587	66			4	8	35
Olyphant	6				18	8,250	61	5,099			8	14,800	118	5,952	89			10	6	21
Powderly	1				3	530	19	740			2	600	112	6,945	92			5	2	13
Total					55	19,288	208	16,463			27	27,420	884	49,356	451	1		32	32	173
Humbert Coal Co.																				
Humbert	1	Purchased	1	80									23	1,023	10			2	3	6
Estate of Joseph J. Jermyn																				
Jermyn	4	Purchased			4	2,100	17	1,987			1	50	38	1,537	34					
Lackawanna Anthracite Mining Co.																				
Richmondale	1	Purchased	1	75									34	1,350	7			1	3	

Lackawanna Coal Co.																				
Lackawanna	6	Purchased			1	125					2	800	62	3,122				3		17
Lackawanna Valley Fuel Co.																				
Childs Mine	2				2	90	2	80							1			1		
Old Buffalo	1		2	200											6	2		2		
Throop Washery	3	Purchased			1	100							13	500						
Total			2	200	3	190	2	80					13	500	7	2		3		
Lehigh Valley Coal Co.																				
Broadwell	7	Purchased									2	158	33	1,039	3					3
Light Co.																				
Light Stripping	2																			
Meadowside Coal Co.																				
Meadowside	6	Purchased			3	300	2	140					19	510	25				1	
Mid-City Coal Co.																				
Bulls Head	3	Purchased			1	200					1	150	42	815	5				1	4
Mine Run Coal Co.																				
Devils Eyebrow	1				2	85	1	50							5					
Moffat Coal Co.																				
Moffat	5	Purchased											15	330	13			2		
Norwesco Mining Co.																				
Northwest	1	Purchased											2	70	2			1		
The Pittston Co.																				
Erie	2	Purchased			1	80					1	300			23					10
Forest City	1	Purchased			23	2,960	26	2,540			5	1,340	40	2,052	15			3		22
No. 1	6	Purchased			18	3,170	15	1,990			3	3,000								51
No. 5	4	Purchased			6	950	13	1,195			2	465			25					13
Old Forge	4	Purchased			10	2,830	16	1,128			5	1,890						4		27
Underwood	6	Purchased			8	3,200	16	3,006			3	2,250	2							57
Total					66	13,190	86	9,859			19	9,155	42	2,052	63			7		180
Price-Pancoast Coal Co.																				
Pancoast	4	Purchased			6	1,800	5	1,332	1	200	3	610	117	5,711	25					11
Racket Brook Coal Co.																				
Racket Brook	1	Purchased			1	100			1	25	2	400	26	1,130	7			2	2	12
Raub Coal Co.																				
Austin	7	Purchased											4	190	5					
Scott, Farber & Consargra																				
West Side	2								2	20					3	1				
Scranton Coal Co.																				
Capouse	4	Purchased			4	400	15	1,400			1	200	19	868	44				1	4
Johnson	6	Purchased			4	800	5	1,150			1	300	53	4,294	51			2		4
Mt. Pleasant	4	Purchased			5	525	12	2,100			1	150	5	100	28				2	1
Ontario	6	Purchased			6	1,120	12	1,250			3	565	31	2,072	56			4	1	5
Pine Brook	4	Purchased			7	1,150	14	2,200			5	1,200	35	2,041	104					17
Raymond	2	Purchased			4	1,125	3	200			1	200	24	883	70			4	1	4
Richmond No. 3	6	Purchased			4	800	10	720			1	50			20					

Table 4—Showing source of power, number and kinds of boilers, engines, locomotives, and electrical equipment in use, 1930—Continued

Operators and mines	District	Power Supply	Power Plant												Haulage						
			Boilers				Engines									Locomotives					
			Cylindrical		Tubular		Steam engines (all classes)		Internal combustion engines (gas)		Electric dynamos (all classes)		Electric motors except haulage		Number of horses and mules	Gasoline	Air	Steam	Electric battery	Electric
			Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total kilowatts	Number	Total horse power						
LACKAWANNA COUNTY—Cont'd.																				
Scranton Coal Co.—Cont'd.																				
Riverside	2	Purchased			7	875	17	1,660			2	50	31	1,436	39				2	
West Ridge	3	Purchased											1	75	10					
Total					41	6,795	88	10,680			15	2,515	199	11,769	422			10	7	35
Seymour Coal Co.																				
Glendale	1	Purchased			1	25					3	280	80	3,819	36			2	3	2
Sindaco Coal Co.																				
Sindaco	5	Purchased											1	50						
South Penn Collieries Co.																				
Legitts Creek	3	Purchased			8	2,160	9	1,830			1	300	67	3,307	27			1		8
Von Storch	3	Purchased			8	1,600	2	85			2	400	144	5,612	33			2		9
Total					16	3,760	11	1,915			3	700	211	8,919	60			3		17
Spencer Coal Co.																				
Spencer	6	Purchased	1										30	787	22					
Spring Brook Coal Co.																				
Spring Brook	5	Purchased											1	30	1					
Temple Coal Co.																				
Sterrick Creek	2	Purchased			8	1,650	24	2,300			3	880	46	1,438	70			4		5
Throop Coal Co.																				
Crippen	6	Purchased											3	45						
West Brook Coal Co.																				
West Brook Mine	2														4					
Wilson Bros. Co.																				
Wilson Mine	2	Purchased											1	35						

Wilson Coal Co.																				
Frisbie	1	Purchased											3	130	3					
Grand total			5	355	283	71,712	487	53,977	4	245	116	64,517	2,974	152,272	1,358	5		78	62	704
(a) From Olyphant Colliery.																				
LUZERNE COUNTY																				
Alden Coal Co.																				
Alden	14	Purchased			3	718							108	6,517	42			3	6	
Barry Coal Co.																				
East Boston	12																	2		
Buck Mountain Coal Mining Co.																				
Gowen	15	Purchased			1	60							22	1,800	8			1	3	2
Carova Coal Mining Co.																				
Langcliffe	7	Purchased	3	360	2	250	5	458			2	387	26	1,180	8				2	2
John Conlon Coal Co.																				
Madeira	10	Purchased													20				4	2
Keystone	10	Purchased													8	1				
Total															28	1			4	2
Coxe Bros. & Co., Inc.																				
Deringer & Tomhicken	15	Purchased			4	270			2	12	3	600	47	1,177	50			4	9	8
Drifton	15	Purchased			20	4,540	15	2,045			3	350	37	1,798	53			13		6
Eckley & Buck Mountain	15	Purchased			6	1,560	6	186			1	200	16	1,749	90			5		
Total					30	6,370	21	2,231	2	12	7	1,150	100	4,724	193			22	9	14
R. M. Cranston																				
Cranston	8				2	35	2	25					1	5						
East Alden Mining Co.																				
East Alden	14	Purchased	1	100																
East Boston Coal Co.																				
East Boston	10	Purchased			8	1,942	27	1,258			1	60			92					
Flanagan Coal Co.																				
No. 14 Washery	8				2	125	2	95					8	347						
Fox Hill Mining Co.																				
Fox Hill	10	Purchased											7	140	3					
Glen Alden Coal Co.																				
Auchincloss	14				3	1,440	4	2,600			1	500	32	1,432	2				8	3
Avondale	13				10	1,514	10	2,150			2	400	88	6,734	4					11
Bliss	14				5	2,500	8	1,565			4	1,400	100	7,475	24					24
Buttonwood	13	Purchased			16	3,546	65	9,482			2	600	15	2,280	114					9
Grand Tunnel	13	Purchased			2	250					1	2	59	3,407	28			1		
Hallstead	7				1	213					1	200	38	3,186	9					8
Hollenback	11				8	2,000	54	7,151			1	500	7	576	105		1	1		1
Lance No. 11	12	Purchased			8	2,000	36	5,075			2	600	22	1,590	120					13
Loomis	13				6	1,830	6	4,000			4	1,700	207	10,768				5	12	39
Maxwell	13	Purchased			14	2,720	50	8,668			1	300	4	510	98			1	2	12

Table 4—Showing source of power, number and kinds of boilers, engines, locomotives, and electrical equipment in use, 1930—Continued

Operators and mines	District	Power Supply	Power Plant												Haulage					
			Boilers				Engines									Locomotives				
			Cylindrical		Tubular		Steam engines (all classes)		Internal combustion engines (gas)		Electric dynamos (all classes)		Electric motors except haulage		Number of horses and mules	Gasoline	Air	Steam	Electric battery	Electric
			Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total kilowatts	Number	Total horse power						
LUZERNE COUNTY—Cont'd.																				
Glen Alden Coal Co.—Cont'd.																				
Nanticoke Power Plant	13				26	10,110	19	42,524			13	31,623	109	5,502						1
Nottingham No. 15	12	Purchased			10	2,500	50	7,300			1	300	22	2,141	121				1	8
Pettebone	10				6	2,808	14	4,857			4	950	130	7,043	3			3	9	21
So. Wilkes-Barre	11	Purchased			10	2,250	54	9,301			1	300	1	30	138					7
Stanton	11	Purchased			16	2,968	68	7,814			2	400	18	1,959	166			3		10
Sugar Notch	13	Purchased			8	2,000	44	4,841			1	300	6	846	83			1		11
Truesdale	13				8	2,424	7	3,500			5	2,700	219	18,305	1				5	70
Wanamie	14				12	2,628	47	6,200			3	700	26	2,017	111			4		17
Woodward	12				7	2,907	20	5,887			6	2,700	208	10,632					6	47
Total					176	48,608	556	132,915			55	46,175	1,311	86,433	1,127		1	19	43	312
Harris-Denly Coal Co.																				
Kintz	9	Purchased			1	150	1	100					8	205	8					
Hillman Coal Co.																				
Hillman	11	Purchased	1	50							15	635			3					
Hudson Coal Co.																				
Baltimore No. 5	11	Purchased			20	4,850	71	7,020			7	2,990	88	8,465	4			6	3	5
Laflin	7	Purchased			6	1,050	16	1,270			1	150	34	1,789	2			1		
Loree No. 5	12	Purchased			26	6,840	209	14,603			2	760	115	5,880	235			9	3	2
Pine Ridge	10	Purchased			12	4,398	75	5,395			4	970	163	11,508	165			8	4	25
Total					64	17,138	371	28,288			14	4,870	400	27,642	406			24	10	32
Jeddo-Highland Coal Co.																				
Highland No. 2	15	Purchased			6	3,000	11	1,760			2	300	24	1,064	3			3	2	1
Highland No. 5	15	Purchased			9	2,500	14	2,625			2	300	59	995	33			4		14
Jeddo No. 4—Ebervale	15	Purchased			10	2,800	26	3,201			5	798	121	1,652	4			13		13

Jeddo No. 7	15	Purchased			2	1,000	5	362							26	855	14			4		
Total					27	9,300	56	7,948			9	1,398	230	4,566	54			24	2	28
John-Ames Coal Co.																						
Franklin Washery	11	Purchased			1	50							14	487								
Kingston Coal Co.																						
Gaylord	12	Purchased			4	1,200	11	1,450			2	200	19	550	22						2	
Kingston No. 2	12	Purchased			6	1,800	15	2,600					5	248	17			6	12		5	
Kingston No. 4	9	Purchased			12	3,600	33	5,600			7	1,700	6	200	51				3		4	
Total					22	6,600	59	9,650			9	1,900	30	998	90			6	15		11	
George F. Lee Coal Co.																						
Chauncey	13	Purchased			1	125							59	1,562	9	3		7				
Lehigh Coal Co.																						
Hazle Mountain	15	Purchased			1	100												5				
Lehigh Navigation Coal Co.																						
Cranberry	16	Purchased			2	1,500							133	10,215	30			20	10		14	
Lehigh Valley Coal Co.																						
Dorrance	11	Purchased			6	1,804	11	4,515					90	3,856	36			2	2		27	
Exeter	9	Purchased			6	2,533	30	2,100			3	525	36	1,330	48			3	7		16	
Franklin	11	Purchased			3	2,112	36	4,330					14	843	64			3	4		1	
Hazleton No. 1	15	Purchased			8	2,000	12	1,510			2	350	37	904	26			2			7	
Hazleton Shaft & Stockton	15	Purchased			6	3,050	25	3,250			2	400	39	747	15			3			14	
Heidelberg	7	Purchased											57	2,231	46			1				
Humboldt	16	Purchased											8	541								
Maltby	9	Purchased			6	1,800	21	1,855			3	298	38	1,240	76				7		8	
Mineral Spring	10	Purchased			4	1,000	20	2,435			2	67	11	834	4			2	6			
Prospect	9	Purchased			10	2,700	46	5,580			5	536	23	1,763	80			2			9	
Prospect (Henry)	10	Purchased			8	2,050	21	3,150			4	407	21	1,427	80			7	3		13	
Seneca	7	Purchased			6	3,006	24	2,165			3	525	45	1,204	27			4			13	
Spring Mountain	16	Purchased			9	2,700	12	1,400			2	400	22	997	39			7	1		6	
Warrior Run	13	Purchased											19	1,327	10							
Westmoreland	9	Purchased			4	1,100	14	2,450			2	400	34	1,660	21						12	
William A	7	Purchased									1	204	38	2,003	42						5	
Total					76	25,855	272	34,740			29	4,112	532	22,907	614			36	30		131	
Lynott Coal Co.																						
Stripping	8				1	75	1	50														
M. & M. Coal Co.																						
Clifford	7	Purchased											17	640								
Miners Mills Coal Mining Co.																						
Miners Mills	10	Purchased											15	600	17							
Nanticoke Valley Coal Co.																						
Washery	14	Purchased											5	420								
Pardee Bros. & Co., Inc.																						
Beaver Brook	16	Purchased			1	100					2	115	41	3,344	7			2	2		2	

Table 4—Showing source of power, number and kinds of boilers, engines, locomotives, and electrical equipment in use, 1930—Continued

Operators and mines	District	Power Supply	Power Plant												Haulage						
			Boilers				Engines									Locomotives					
			Cylindrical		Tubular		Steam engines (all classes)		Internal combustion engines (gas)		Electric dynamos (all classes)		Electric motors except haulage								
			Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total kilowatts	Number	Total horse power	Number of horses and mules	Gasoline	Air	Steam	Electric battery	Electric
LUZERNE COUNTY—Cont'd.																					
Pardee Bros. & Co., Inc.—Cont'd.																					
Lattimer	15	Purchased	----	----	12	3,720	10	1,355	----	----	----	----	25	1,617	52	----	----	5	----	3
Total	----	----	----	----	13	3,820	10	1,355	----	----	2	115	66	4,961	59	----	----	7	2	5
Park Red Ash Coal Co.																					
Red Ash	11	----	----	----	----	----	1	370	1	110	----	----	----	----	----	4	----	----	----	----
Pittston Coal Mining Co.																					
Hadleigh	13	----	----	----	4	1,300	9	614	----	----	3	363	29	1,196	9	----	----	2	----	4
Pittston Co.																					
Butler	7	Purchased	----	----	9	2,700	14	2,685	----	----	3	800	----	----	----	----	----	5	----	38
Central	7	Purchased	----	----	4	1,960	8	380	----	----	----	----	----	----	8	----	----	----	----	16
Ewen	8	----	----	----	23	4,193	20	2,450	----	----	6	2,700	225	3,590	44	----	----	4	----	34
No. 6	8	----	----	----	34	3,300	34	973	----	----	2	2,000	125	6,097	132	----	----	----	----	26
No. 9	8	----	----	----	12	3,732	23	5,101	----	----	3	670	134	6,061	13	----	----	6	----	54
No. 14	8	----	----	----	23	3,900	26	5,791	----	----	5	1,125	191	3,240	48	----	----	----	----	42
Total	----	----	----	----	105	19,785	125	17,380	----	----	19	7,295	675	18,988	245	----	----	15	----	210
Plymouth Mining Co.																					
Plymouth	12	Purchased	----	----	----	----	----	----	----	----	----	----	3	80	----	----	----	----	----	----
Plymouth Red Ash Coal Co.																					
Red Ash	12	Purchased	----	----	----	----	----	----	1	100	----	----	11	367	3	----	----	----	----	----
T. F. Quinn Coal Co.																					
Consolidated	7	Purchased	----	----	4	500	1	50	----	----	----	----	----	----	12	----	----	1	----	7
Raub Coal Co.																					
Louise	10	Purchased	----	----	2	600	----	----	----	----	3	20	30	1,195	19	----	----	1	1	1
Rose Coal Co.																					
Florence	7	Purchased	----	----	----	----	----	----	----	----	----	----	4	100	4	----	----	----	2	----

Sandy Run Coal Co.																						
Sandy Run	15	Purchased			1	60							19	906	30			1				
Scranton Anthracite Coal Co.																						
Barnum	7	Purchased			1	50																
Pickaway	7	Purchased									1	280										2
Total					1	50					1	280										2
E. S. Stackhouse Coal Co.																						
Salem	14	Purchased					1	150			1	450	16	1,060								5
Suscon Coal Co.																						
Suscon	9	Purchased											3	75	4							
Susquehanna Collieries Co.																						
Number 6	14	Purchased			2	500			1	20			122	10,405	23			8	2	25		
Number 7	14	Purchased			20	5,000	24	3,500	5	100	2	6,400	120	7,695	106			20	8	33		
Total					22	5,500	24	3,500	6	120	2	6,400	242	18,100	129			28	10	58		
Temple Coal Co.																						
Harry E.	9	Purchased			14	3,600	25	2,700			2	590	69	3,253	115			2		5		
Troy Coal Co.																						
Troy	9	Purchased	1	20									8	375	5							
West End Coal Co.																						
West End	14	Purchased			2	600					4	1,100	127	6,440	2			6		29		
Wolf Collieries Co., Inc.																						
Woodside Mines	15	Purchased											10	440	10							
Yatesville Coal Co.																						
Yatesville	9	Purchased											9	235	11							
Grand total			6	530	588	154,816	1,569	243,877	10	342	178	77,300	4,347	229,159	3,389	8	1	225	156	874		
NORTHUMBERLAND COUNTY																						
Colonial Colliery Co.																						
Colonial	23				3	600							172	14,500	76			4	11	14		
Excelsior Coal Co.																						
Corbin	24				2	600	8	325							32			4				
Lehigh Valley Coal Co.																						
Sayre	22	Purchased			7	2,100	18	4,600			6	715	71	5,741	22			4	3	13		
Northumberland Mining Co.																						
Enterprise	24	Purchased			1	500					1	200	49	3,310	38			2	2	9		
Phila. & Reading Coal & Iron Co.																						
Alaska	23				2	250	1	50					115	6,457	68			2		2		
Bear Valley	24	Purchased			17	2,125	12	3,861			3	1,180	49	3,350	60					14		
Burnside	24	Purchased			20	2,500	12	2,796					26	1,902	67					11		
Central Breaker	23												243	5,850								
Henry Clay	24	Purchased			14	1,750	10	2,107					34	5,635	71			4		1		
Locust Spring	23				19	4,575	11	4,475			4	4,780	97	7,213	118			7	3	16		
Reliance	23				6	750	2	85					53	7,359	41			1	2	6		
Total					78	11,950	48	13,374			7	5,960	617	37,766	425			14	5	50		

Table 4—Showing source of power, number and kinds of boilers, engines, locomotives, and electrical equipment in use, 1930—Continued

Operators and mines	District	Power Supply	Power Plant												Haulage					
			Boilers				Engines									Locomotives				
			Cylindrical		Tubular		Steam engines (all classes)		Internal combustion engines (gas)		Electric dynamos (all classes)		Electric motors except haulage							
			Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total kilowatts	Number	Total horse power	Number of horses and mules	Gasoline	Air	Steam	Electric battery	Electric
NORTHUMBERLAND COUNTY—Cont'd.																				
Steinhart Coal Co.																				
Katherine	24				2	110	1	70							4	1				
Stevens Coal Co.																				
Trout Run Washery	24	Purchased			1	125							24	1,165						
Susquehanna Collieries Co.																				
Cameron	24	Purchased			2	500					1	475	36	5,270	43					7
Pennsylvania	23		1	100	1	300					2	500	49	9,257	76			3		13
Richards	23		1	150	3	650					2	760	46	6,867	87			1		12
Total			2	250	6	1,450					5	1,735	131	21,394	206			4		32
Grand total			2	250	100	17,435	75	18,369			19	8,610	1,064	83,876	803	1		32	21	118
SCHUYLKILL COUNTY																				
Bell Colliery Co.																				
Bell	18	Purchased			1	75			1	25			8	575	2	1			4	
Black Heath Coal Co.																				
Black Heath	19				1	120	2	60							4	1				
Buck Run Coal Co.																				
Buck Run	19	Purchased			3	900	1	20			2	300	69	4,885	13					11
Chestnut Hill Coal Co.																				
Chestnut Hill	18	Purchased	1	30									9	220	2					
Coxe Bros. & Co., Inc.																				
Oneida	16	Purchased			8	1,830	14	824	16	80			4	235	63		5	2		
East Bear Ridge Colliery Co.																				
East Bear Ridge	22	Purchased			3	550	1	50			1	100	20	2,540	16					6
Frackville Coal Co.																				
Lucanna	18	Purchased			1	100							9	347	8	2		1	1	

Glen Alden Coal Co.																					
Audenried	16	Purchased			24	2,575	26	3,300						69			8		3		
Honey Brook	16	Purchased			15	2,125	20	2,615		2	400	15	1,716	54			3		2		
Total					39	4,700	46	5,915		2	400	15	1,716	123			11		5		
Haddock Mining Co.																					
Candlemas	16	Purchased			2	300				1	300	90	4,800	56			12	1	4		
Salem Hill	18	Purchased										4	555	2				2			
Total					2	300				1	300	94	5,355	58			12	3	4		
Harleigh-Brookwood Coal Co.																					
Lawrence	22	Purchased			2	700						54	6,175	25			1	4	7		
Hazle Brook Coal Co.																					
Maryd	18	Purchased			12	2,100	15	3,744		2	125	12	529	17			2	4			
Raven Run	21	Purchased			1	250	4	122		3	209	60	4,291	7			9		5		
Westwood	25	Purchased			1	250	2	75		5	4,875	47	2,609	2			3	5			
Total					14	2,600	21	3,941		10	5,209	119	7,429	26			14	9	5		
Lavelle Coal Co.																					
Mowrey (Bickle)	22	Purchased			1	90						10	385	6							
Lehigh Navigation Coal Co.																					
Alliance	18	Purchased			2	426				1	300	93	6,329	12			5		8		
Coaldale	17	Purchased			9	3,098	3	2,230		2	700	135	9,158	14			15	3	24		
Greenwood	17	Purchased			4	2,400				1	300	57	7,979	8			3	2	12		
Rahn	17	Purchased	3	60	2	200				2	650	68	6,432	8			5	3	15		
Tamaqua	18	Purchased			2	1,000				2	500	97	9,284	10			2	3	12		
Total			3	60	19	7,124	3	2,230		8	2,450	450	39,182	52			30	11	69		
Lehigh Valley Coal Co.																					
Buck Mountain	18	Purchased			7	2,100	24	3,520		2	227	10	2,040	88		6	5				
Packer No. 4	21	Purchased			12	3,000	19	2,290		3	600	17	3,346	11			2		21		
Packer No. 5	21	Purchased			4	2,000	20	2,600		2	450	3	650	4			3	1	11		
Park	20	Purchased			13	3,260	62	11,225		3	447	40	2,952	114			5		8		
Springdale Washery	20	Purchased			1	50						8	452				1				
Total					37	10,410	125	19,635		10	1,724	78	9,440	217		6	16	1	40		
Locust Mountain Coal Co.																					
Weston	21	Purchased			2	640				3	500	71	2,032				3	1	8		
Lytle Coal Co.																					
Lytle	19	Purchased			4	500						62	7,100	46					9		
Mill Creek Coal Co.																					
Middle Lehigh	18	Purchased										14	1,139	11			1	2			
Morea	18	Purchased			2	440						36	5,449	5			2	1	9		

Table 4—Showing source of power, number and kinds of boilers, engines, locomotives, and electrical equipment in use, 1930—Continued

Operators and mines	District	Power Supply	Power Plant												Haulage						
			Boilers				Engines									Locomotives					
			Cylindrical		Tubular		Steam engines (all classes)		Internal combustion engines (gas)		Electric dynamos (all classes)		Electric motors except haulage								
			Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Total kilowatts	Number	Total horse power	Number of horses and mules	Gasoline	Air	Steam	Electric battery	Electric
SCHUYLKILL COUNTY—Cont'd.																				
Mill Creek Coal Co.—Cont'd.																				
Wolf Creek	18	Purchased	----	----	----	----	----	----	----	----	----	----	21	1,341	9	----	----	----	1	----
Total			----	----	2	440	----	----	----	----	----	----	71	7,929	25	----	----	3	4	9
Phila. & Reading Coal & Iron Co.																				
Bancroft	22	Purchased	----	----	1	125	1	150	----	----	----	----	9	336	----	----	----	4	----	----
Bast	22	Purchased	----	----	20	2,500	11	3,510	----	----	1	300	33	2,746	29	----	4	5	----	4
Brookside	25	Purchased	----	----	25	3,125	11	4,795	----	----	----	----	32	1,996	56	----	4	8	----	8
Ellangowan	20	Purchased	----	----	32	4,000	13	2,835	----	----	----	----	9	382	85	----	4	2	----	6
Gilberton	22	Purchased	----	----	14	1,750	9	3,130	----	----	----	----	53	6,331	43	----	----	5	----	10
Good Spring	25	Purchased	----	----	16	3,980	13	2,550	----	----	5	8,035	41	1,980	4	----	----	2	----	8
Hammond	21	Purchased	----	----	20	2,500	15	2,775	----	----	1	200	21	2,399	19	----	8	3	----	3
Lincoln	25	Purchased	----	----	20	2,500	12	4,215	----	----	2	350	46	1,966	2	----	----	----	----	11
Mahanoy City	20	Purchased	----	----	18	2,250	12	1,840	----	----	----	----	23	934	55	----	----	----	----	5
Maple Hill	20	Purchased	----	----	33	4,125	18	4,680	----	----	----	----	35	3,926	84	----	10	2	----	2
North Mahanoy	20	Purchased	----	----	18	2,250	11	1,745	----	----	2	800	20	1,591	37	----	----	1	----	6
Otto	19	Purchased	----	----	7	1,750	16	2,085	----	----	1	300	30	2,577	88	----	----	1	----	6
Pine Knot	19	Purchased	----	----	18	3,530	21	6,493	----	----	1	300	87	6,217	103	----	----	16	2	6
Reevesdale	18	Purchased	----	----	2	250	1	170	----	----	----	----	2	330	9	----	----	----	----	----
Shenandoah City	21	Purchased	----	----	25	3,135	16	3,110	----	----	1	300	16	750	73	----	5	2	----	4
Silver Creek	18	Purchased	----	----	18	2,250	11	3,710	----	----	2	500	24	904	28	----	----	1	----	12
Tunnel Ridge	20	Purchased	----	----	24	3,000	15	2,910	----	----	----	----	34	2,173	44	----	3	----	----	6
Wadesville	18	Purchased	----	----	19	2,640	18	4,062	----	----	1	200	16	2,127	25	----	3	3	1	5
West Shenandoah	21	Purchased	----	----	16	2,290	15	3,325	----	----	2	500	38	2,526	58	----	----	2	----	8
Total			----	----	346	47,950	239	58,090	----	----	19	11,785	569	42,191	842	----	41	57	3	110

Pine Hill Coal Co.																					
Oak Hill	19	Purchased			2	1,000	1	30			2	400	85	6,443	46			4	2	6
Pine Hill	19	Purchased			3	1,530					3	600	76	7,153	44			1	1	8
Total					5	2,530	1	30			5	1,000	161	13,596	90			5	3	14
Repplier Coal Co.																					
New Castle	19	Purchased			2	200					2	480	84	5,762	17					10
Saint Clair Coal Co.																					
Saint Clair	18	Purchased			5	675	3	850	1	5	2	1,000	62	5,253	23			19	4	8
Sherman Coal Corp.																					
Sherman	19	Purchased			1	117							35	1,148	17	1				2
South Penn Collieries Co.																					
Randolph	18	Purchased			1	210					1	75	42	1,850	7				3	
Strange Coal Co.																					
Strange Washery	18																				
Susquehanna Collieries Co.																					
Wm. Penn	21	Purchased			6	500	1	100			2	300	33	4,000	78			1		1
Syneline Contracting Co.																					
Syneline Stripping	22	Purchased					3	260	1	20			2	125	1			9		
Thomas Colliery Co.																					
Thomas	21	Purchased			2	250							39	3,029	19			2	4	
Grand total			4	90	507	83,511	460	92,005	19	130	68	25,623	2,170	172,499	1,780	5	52	186	55	318
SULLIVAN COUNTY																					
Anthracite Power & Utilities Co.																					
Murray	10				6	600	7	500			3	360	3	87	28			1		
Connell Anthracite Mining Co.																					
Connell	10				7	1,950	7	1,450			4	730	14	225	5					12
Grand total					13	2,550	14	1,950			5	930	17	312	33			1		12
SUSQUEHANNA COUNTY																					
Hudson Coal Co																					
Clinton*	1																				
The Pittston Co.																					
Forest City*	1																				
WAYNE COUNTY																					
Hudson Coal Co.																					
Clinton*	1																				
The Pittston Co.																					
Forest City*	1																				
Grand total all counties			17	1,225	1,557	347,412	2,666	421,554	33	717	408	196,430	11,277	699,217	7,721	19	54	559	305	2,114

* See Lackawanna County

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan—disc or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface	
											Number	Approximate number of gallons per minute
CARBON COUNTY												
Coxe Bros. & Co., Inc.												
Beaver Meadow	16	Clark	Centrifugal	20	(d)		Steam		17	14,405	1	500
		Clark	Centrifugal	20	(d)		Steam					
		Jeffrey	Centrifugal	6	200	.5	Electricity	15,840				
		Jeffrey	Centrifugal	7	145	1.	Electricity	53,930				
		Jeffrey	Centrifugal	6	200	.5	Electricity	22,000				
		Sturtevant	Centrifugal	4	280	.5	Steam	11,000				
Evans Colliery Co.												
Evans	16	Vulcan	Centrifugal	6	260	1.	Electricity	50,000	14	7,250	5	4,000
Junedale Coal Co.[a]												
Coleraine Washery	16								1	1,000		
Lehigh Navigation Coal Co.												
Coaldale [b]	17											
Lansford	17	Siroceo [c]	Centrifugal	10			Electricity		9	20,750	3	5,400
		Siroceo [c]	Centrifugal	10			Electricity					
		Jeffrey [c]	Centrifugal	12			Electricity					
		American [c]	Centrifugal	9			Electricity					
		Jeffrey	Centrifugal	10	210	2.02	Electricity	158,700				
Nesquehoning	17	Jeffrey	Centrifugal	10	198	3.5	Electricity	231,000	4	9,750		
		Jeffrey	Centrifugal	8	193	2.	Electricity	79,000				
		Connellsville	Centrifugal	11	154	2.6	Electricity	166,210				
Total									13	30,500	3	5,400

Lehigh Valley Coal Co.													
Spring Brook	16	Vulcan	Disc	7	160	.3	Electricity	23,700	7	4,200	3	2,100
Grand total									52	57,355	12	12,000

(a) Operated by Mary G. Coal Co. to July 1, 1930.
(b) See Schuylkill County.
(c) Did not operate in 1930.
(d) Emergency.

COLUMBIA COUNTY

Hazle Brook Coal Co.												
Midvalley	22	American	Centrifugal	6.5	185	1.5	Electricity	60,000	15	15,150	3	1,800
		Jeffrey	Centrifugal	3	360	1.	Electricity	24,000				
		Sirocco	Centrifugal	8	167	1.	Electricity	75,000				
Lehigh Valley Coal Co.												
Centralia	22	Jeffrey	Centrifugal	7	148	2.	Electricity	98,573	4	4,000	2	3,000
		Guibal	Disc	10	192	.5	Electricity	45,174				
		Jeffrey	Centrifugal	7	315	1.	Electricity	29,670				
		Guibal	Centrifugal	12	100	.5	Electricity	55,377				
Nay-But Coal Co.												
Nay-But (a)	16						Natural	24,000	1	125		
Phila. & Reading Coal & Iron Co.												
Potts	22	Guibal	Centrifugal	21	72	1.6	Steam	65,100	6	8,330	4	1,532
		Guibal	Centrifugal	21	76	1.6	Steam	45,900				
		Jeffrey	Centrifugal	6	185	1.5	Electricity	38,030				
		Jeffrey	Centrifugal	6	166	1.5	Electricity	35,110				
Grand total									26	27,605	9	6,332

(a) Operated by Harry L. Mitchneck to September 1, 1930.

DAUPHIN COUNTY

Susquehanna Collieries Co.												
Short Mountain	25	Vulcan	Centrifugal	14	134	2.	Steam	139,300	28	15,036	8	7,025
		Sturtevant	Centrifugal	6	270	1.2	Electricity	10,000				
		Sturtevant	Centrifugal	5	260	1.3	Electricity	24,000				
		Buffalo	Centrifugal	7	520	1.	Electricity	12,700				
		Sturtevant	Centrifugal	10	160	2.	Electricity	43,200				
Williamstown	25	Sturtevant	Centrifugal	10	180	2.3	Electricity	28,500	23	23,567	5	9,000
		Vulcan	Centrifugal	10	150	.8	Electricity	46,100				
		Vulcan	Centrifugal	12	147	2.5	Electricity	93,700				
		Jeffrey	Centrifugal	5	335	2.5	Electricity	71,200				
		Robertson	Centrifugal	5	510	2.	Electricity	39,600				
		Sturtevant	Centrifugal	4	365	3.	Electricity	15,600				
		Jeffrey	Centrifugal	5	264	2.	Electricity	74,000				
		Stine	Centrifugal	5	348	1.5	Electricity	6,700				
		Buffalo	Centrifugal	6	270	1.8	Electricity	9,700				
Grand total									51	38,603	13	16,025

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930—Continued

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan—disc or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface	
											Number	Approximate number of gallons per minute
LACKAWANNA COUNTY												
Ampere Coal Co.												
Radiant	2						Natural	10,000				
John J. Barrett												
Dana Slope	1	Jeffrey	Centrifugal	5	600	1.5	Electricity	20,000				
Beardslee & Lewis Coal Co.												
Stone Quarry	1						Natural		4	800	2	400
Carova Coal Mining Co.												
Boland	1	Cross	Centrifugal	5	387	1.	Electricity	48,000	6	2,100	1	800
Tappans	2						Natural	32,000				
Childs Coal Co.												
Winton	1						Natural					
Coal & Timber Co.												
Slope	1						Natural					
D. F. M. Mining Co.												
No. 1 Slope	2						Natural	7,500				
Dunmore Anthractie Coal Co.												
Dunmore	6						Natural					
Flagg Coal Co.												
Spring Brook	7											
Gap Mining Co.												
Radiant	2						Natural	12,000				
John Gibbons Coal Co.												
Gibbons	5						Natural		2	660		
Glen Alden Coal Co.												
Archbald	5	Jeffrey	Centrifugal	12	120	2.3	Electricity	201,590	5	650		
		Jeffrey	Centrifugal	15	52	.9	Electricity	205,700	50	34,600	3	6,000
Baker	5	Vulcan	Centrifugal	25	60	1.8	Electricity					

		Vulcan	Centrifugal	18	80	1.5	Electricity					
		Jeffrey	Centrifugal	16	85	2.	Electricity	336,138				
		Danville	Centrifugal	14	76	1.	Electricity					
Diamond	3	Jeffrey	Centrifugal	15	90	1.3	Steam	215,000	20	22,750	6	13,800
		Jeffrey	Centrifugal	15	90	1.6	Electricity	215,000				
		Jeffrey	Centrifugal	15	90	1.3	Electricity	215,000				
Hampton Plants	5	Connellsville	Centrifugal	14	150	3.5	Electricity	400,000	16	47,000	5	25,000
		Connellsville	Centrifugal	14	150	3.5	Electricity	400,000				
Hyde Park	5	Guibal	Centrifugal	25	63	1.	Steam	91,500	36	21,800		
		Guibal	Centrifugal	14	119	.9	Electricity	84,000				
		Guibal	Centrifugal	24	70	2.	Steam	85,000				
		Guibal	Centrifugal	24	60	2.	Steam	100,120				
		Guibal	Centrifugal	25	72	1.5	Electricity	101,800				
Pyne	4	Guibal	Centrifugal	24	72	2.5	Steam	145,000	27	17,000	1	1,400
		Guibal	Centrifugal	16	90	.75	Electricity	40,000				
Storrs	5	Finch	Centrifugal	25	76	2.5	Steam	225,000	44	41,815	4	13,500
		Vulcan	Centrifugal	12	125	2.2	Electricity	175,000				
		Ridgeway	Centrifugal	15	90	1.6	Electricity	182,270				
		Guibal	Centrifugal	25	85	2.7	Steam	181,000				
		Jeffrey	Disc	18	94	2.	Electricity	173,000				
		Jeffrey	Disc	6	94	2.	Electricity	75,000				
Taylor	4	Jeffrey	Centrifugal	17	80	1.8	Electricity	280,000	43	28,700	4	15,300
		Vulcan	Centrifugal	25	79	1.8	Electricity	295,500				
		Guibal	Centrifugal	25	65	1.5	Electricity	156,000				
Total									241	214,315	23	75,000
Green Ridge Coal Co.												
Green Ridge	4	Jeffrey	Disc	6	250	1.	Electricity	29,000				
Hudson Coal Co.												
Clinton	1	Guibal	Centrifugal	20	95	2.3	Steam	90,000	23	9,950	4	1,478
		Buffalo	Centrifugal	14	90	1.8	Electricity	74,500				
Coal Brook	2	Guibal	Centrifugal	20	95	1.	Electricity	106,000	59	15,580	4	1,947
		Guibal	Centrifugal	17	100	.9	Electricity	34,500				
		Guibal						12,500				
Eddy Creek	3	Allis Chalmers	Centrifugal	28	75	3.9	Steam	223,547	34	24,845	8	3,460
		Vulcan	Centrifugal	14	122	2.5	Steam	137,567				
		Guibal	Centrifugal	22	95	3.	Steam	168,524				
		Jeffrey	Centrifugal	14	110	2.8	Electricity	93,815				
Gravity Slope	2	Guibal	Centrifugal	20	80	1.	Electricity	65,000	26	22,390	2	1,474
		Guibal	Centrifugal	17	100	1.2	Electricity	56,000				
Jermyn	1	Guibal	Centrifugal	21	92	3.	Electricity	124,400	30	37,440	9	5,160
		Guibal	Centrifugal	17	91	2.5	Electricity	71,787				
		Buffalo	Centrifugal	10	109	1.2	Electricity	56,243				
Marvine	3	Guibal	Centrifugal	25	75	.8	Steam	80,400	62	53,416	9	4,860
		Guibal	Centrifugal	25	65	2.5	Steam	54,560				
		Guibal	Centrifugal	22	79	1.8	Steam	173,175				
		Guibal	Centrifugal	22	95	2.5	Steam	175,680				

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930—Continued

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan—disc or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface: Number	Pumps delivering water to surface: Approximate number of gallons per minute
LACKAWANNA COUNTY—Cont'd.												
Hudson Coal Co.—Cont'd.												
Marvine—Cont'd.		Guibal	Centrifugal	20	88	2.5	Electricity & Steam	90,980				
		Guibal	Centrifugal	20	78	1.4	Electricity & Steam	86,520				
Olyphant	6	Guibal	Centrifugal	20	90	2.4	Steam	70,270	67	34,010	3	483
		Jeffrey	Centrifugal	20	85	3.3	Steam	226,750				
		Guibal	Centrifugal	28	66	3.1	Steam	187,187				
Powderly	1						Natural		24	59,930	5	4,409
Total									325	257,561	44	23,271
Humbert Coal Co.												
Humbert	1						Natural		4	1,500	2	700
Estate of Joseph J. Jermyn												
Jermyn	4	Guibal	Centrifugal	14	90	1.1	Steam	90,170	17	11,000	2	5,400
		Guibal	Centrifugal	14	90	1.1	Electricity	77,300				
		Guibal	Centrifugal	18	90	1.3	Electricity	108,200				
Lackawanna Anthracite Mining Co.												
Richmondale	1						Natural		4	628	2	548
Lackawanna Coal Co.		Guibal	Centrifugal	20	65	.8	Electricity	21,600	26	23,925	6	14,400
Lackawanna	6	Guibal	Centrifugal	22	68	.8	Electricity	58,200				
Lackawanna Valley Fuel Co.												
Childs	2						Natural	4,000				
Old Buffalo	1						Natural					
Throop Washery	6								2	1,200		

Lehigh Valley Coal Co.												
Broadwell	7	Jeffrey	Centrifugal	9	100	1.1	Electricity	56,000	8	1,415	1	200
Light Co.												
Light Stripping	6											
Meadowside Coal Co.												
Meadowside	6						Natural					
Mid-City Coal Co.												
Bulls Head	3						Natural					
Mine Run Coal Co.												
Devils Eyebrow	1						Natural					
Moffat Coal Co.												
Moffat	5						Natural					
Norwesco Mining Co.												
Northwest	1						Natural		2	585	1	485
The Pittston Co.												
Erie	2	Guibal	Centrifugal	18	75	.8	Electricity	45,000	2	2,600	1	2,500
		Guibal	Centrifugal	5	400	.4	Electricity	20,000				
Forest City	1	Guibal	Centrifugal	20	60	1.	Electricity	54,277	38	23,695	12	14,925
		Guibal	Centrifugal	24	70	1.	Electricity	186,962				
No. 1	6	Guibal	Centrifugal	10	130	1.2	Electricity	102,550	21	7,280	1	865
		Guibal	Centrifugal	18	72	1.2	Steam	26,055				
		Guibal	Centrifugal	10	135	2.3	Electricity	49,805				
		Guibal	Centrifugal	20	70	1.3	Electricity	36,375				
No. 5	4	Guibal	Centrifugal	10	130	1.2	Electricity	41,500	16	4,985	2	1,200
		Guibal	Centrifugal	20	70	1.5	Steam	60,100				
		Guibal	Centrifugal	17	60	.4	Electricity	32,600				
		Guibal	Centrifugal	20	52	.6	Steam	93,000	36	34,375	8	14,500
Old Forge	4	Guibal	Centrifugal	20	55	1.	Electricity	116,000				
		Guibal	Centrifugal	20	70	1.5	Electricity	55,600				
		Guibal	Centrifugal	14	65	1.5	Electricity	32,600				
		Guibal	Centrifugal	10	135	1.9	Electricity	158,050	45	16,734	3	4,000
Underwood	6	Guibal	Centrifugal	14	100	1.4	Steam	63,680				
		Guibal	Centrifugal	14	100	1.4	Steam	166,320				
		Guibal	Centrifugal	14	100	1.4	Steam	51,640				
		Guibal	Centrifugal	10	150	2.	Steam	109,000				
Total									158	89,669	27	37,990
Price-Pancoast Coal Co.												
Pancoast	4	Jeffrey	Centrifugal	14	125	3.3	Electricity	300,510	28	24,000	8	10,950
		Jeffrey*	Disc	20	90	3.4	Steam					
		Guibal	Centrifugal	14	72	1.1	Electricity	43,000				
		Guibal	Centrifugal	8	151	1.7	Electricity	80,720				
Racket Brook Coal Co.												
Racket Brook	1	Jeffrey	Disc	10	170	1.25	Electricity	100,000	10	2,000	2	1,000
		Jeffrey	Disc	6	180	1.5	Electricity	60,000				
Raub Coal Co.												
Austin	7						Natural					

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930—Continued

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan—disc or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface: Number	Pumps delivering water to surface: Approximate number of gallons per minute
LACKAWANNA COUNTY—Cont'd.												
Scott, Farber & Consargra												
West Side	2						Natural	6,000				
Scranton Coal Co.												
Capouse	4	Guibal	Centrifugal	20	80	1.2	Steam	102,640	12	6,000	2	2,400
		Robinson	Disc	5	274	.5	Electricity	32,850				
Johnson	6	Guibal	Centrifugal	30	55	1.5	Steam	175,890	19	16,650	6	8,800
Mt. Pleasant	4	Guibal	Centrifugal	20	52	1.1	Steam	142,680	10	3,960	2	500
Ontario	6	Guibal	Centrifugal	20	87	1.	Steam	88,420	13	8,400	3	4,700
		Guibal	Centrifugal	14	90	1.	Electricity	68,480				
		Robinson	Disc	5	264	.9	Electricity	42,800				
Pine Brook	4	Guibal	Centrifugal	17	104	2.3	Steam	251,300	18	7,600	2	5,000
Raymond	2	Guibal	Centrifugal	18	80	1.	Steam	89,000	14	6,456	2	1,900
		Guibal	Centrifugal	15	85	1.4	Electricity	86,300				
Richmond No. 3	6	Guibal	Centrifugal	30	36	.9	Steam	20,480	11	3,136	2	1,200
Riverside	2	Guibal	Centrifugal	20	87	1.1	Steam	76,500	12	5,400	4	5,100
		Robinson	Disc	5	250	.9	Electricity	26,500				
West Ridge	3						Natural					
Total									109	57,602	23	29,600
Seymour Coal Co.												
Glendale	1	Guibal	Centrifugal	14	118	1.5	Electricity	85,000	18	8,650	3	5,200
		Guibal	Centrifugal	16	110	2.	Electricity	72,000				
Sindaco Coal Co.												
Sindaco	5						Natural					

South Penn Collieries Co.													
Legitts Creek	3	Guibal	Centrifugal	20	80	2.	Steam	125,000	30	22,250	6	14,750
		Guibal	Centrifugal	22	72	1.7	Steam	181,000				
Von Storch	3	Guibal	Centrifugal	22	90	2.7	Electricity	188,000	12	980		
Total									42	23,230	6	14,750
Spencer Coal Co.												
Spencer	6						Natural		1	300		
Spring Brook Coal Co.												
Spring Brook	5						Natural		2	170	2	170
Temple Coal Co.												
Sterrick Creek	2	Guibal	Centrifugal	25	65	.4	Steam	130,400	11	17,000	4	6,200
		Guibal	Centrifugal	20	70	.6	Steam	140,200				
		Guibal	Centrifugal	10	150	.3	Steam	32,500				
Throop Coal Co.												
Crippen	6						Natural	5,000				
West Brook Coal Co.												
West Brook	2						Natural	9,500				
Wilson Bros. Co.												
Wilson	2						Natural	6,500				
Wilson Coal Co.												
Frisbie	1											
Grand total									1,020	738,310	159	227,064

* Emergency fan.

LUZERNE COUNTY

Alden Coal Co.													
Alden Coal Co.		Guibal	Centrifugal	24	70	2.4	Electricity	79,000	13	4,200	4	1,900
		Vulcan	Centrifugal	12	130	2.5	Electricity	149,000				
		Vulcan	Centrifugal	7	170	1.3	Electricity	68,000				
Barry Coal Co.													
East Boston	12												
Buck Mountain Coal Mining Co.													
Gowen	15						Natural		19	6,000	1	1,000
Carova Coal Mining Co.													
Langcliffe	7						Natural		6	5,550	2	3,200
John Conlon Coal Co.													
Keystone	10	Vulcan	Disc	16	77	2.	Electricity	25,300				
Madeira	10	Jeffrey	Centrifugal	12	120	1.2	Electricity	115,000	4	2,800	2	1,800
Coxe Bros. & Co., Inc.													
Deringer & Tomhicken	15	Guibal	Centrifugal	8	180	.5	Electricity	61,000	15	8,740	6	800
		Jeffrey	Centrifugal	5	153	.2	Electricity	11,400				
Drifton	15	Jeffrey	Centrifugal	8	140	.8	Electricity	53,125	23	13,900	13	4,375
		Jeffrey	Centrifugal	7	160	1.	Electricity	39,450				
		Jeffrey	Centrifugal	7	290	1.	Electricity	44,265				

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930—Continued

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan—dise or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface	
											Number	Approximate number of gallons per minute
LUZERNE COUNTY—Cont'd.												
Coxe Bros. & Co., Inc.—Cont'd.												
Eckley & Buck Mountain	15						Natural		8	2,760		
Total									46	25,400	19	5,175
R. M. Cranston												
Cranston	8	Buffalo	Centrifugal	4	400	1.	Electricity	8,000				
East Alden Mining Co.												
East Alden	14						Natural		3	150	1	50
East Boston Coal Co.												
East Boston	10	Guibal	Centrifugal	25	65	1.4	Steam	19,500	23	8,324	3	4,500
		Jeffrey	Centrifugal	10	170	3.	Electricity	21,000				
Flanagan Coal Co.												
No. 14 Washery	8											
Fox Hill Mining Co.												
Fox Hill	10	Sterling	Disc	3	550	1.05	Electricity	20,000	2	78	1	57
Glen Alden Coal Co.												
Auchincloss	14	Vulcan	Centrifugal	12	143	2.4	Electricity	297,600	7	1,400	2	600
		Guibal	Centrifugal	25	76	2.7	Steam	259,500				
		Guibal*	Centrifugal	35	52	2.3	Steam					
Avondale	13	Dickson*	Centrifugal	14	120	2.8	Steam & Electric		24	20,050	7	9,500
		Vulcan	Centrifugal	25	80	2.8	Steam	245,000				
		Jeffrey	Centrifugal	8	214	2.8	Electricity					
		Jeffrey*	Centrifugal	7	212	2.8	Electricity					
Bliss	14	Guibal	Centrifugal	35	52	2.5	Steam	350,000	21	12,700	4	8,000
		Jeffrey	Centrifugal	14	100	2.5	Electricity	325,000				

Buttonwood	13	Vulcan	Centrifugal	15	105	3.1	Steam	300,000				
		Jeffrey	Centrifugal	12	110	1.5	Steam	157,030	31	17,807	2	7,684
		Jeffrey*	Centrifugal	12	110	1.5	Steam					
		Guibal	Centrifugal	35	50	2.	Steam	147,275				
		Guibal*	Centrifugal	24	78	1.9	Steam					
		Vulcan	Centrifugal	6	130	.2	Electricity	46,580				
Grand Tunnel	13	Jeffrey	Centrifugal	8	90	.8	Electricity	85,000	11	11,600	3	6,000
Hallstead	7	Exhaust	Disc	12	172	1.8	Electricity	13,209	5	17,600	1	324
Hollenback	11	Guibal	Centrifugal	35	47	1.8	Steam	169,640	23	10,653	1	809
		Guibal*	Centrifugal	24	72	1.5	Steam					
		Guibal	Centrifugal	35	46	1.6	Steam	122,840				
		Guibal*	Centrifugal	35	46	1.6	Steam					
		Jeffrey	Centrifugal	8	129	1.	Electricity	40,190				
Lance No. 11	12	Robinson	Centrifugal	16	100	2.2	Steam	312,200	19	8,549	3	1,900
		Robinson*	Centrifugal	16	100	2.2	Steam					
Loomis	13	Vulcan	Centrifugal	20	87	3.5	Steam	299,040	43	34,800	5	1,900
		Vulcan*	Centrifugal	20	87	3.5	Steam					
		Vulcan	Centrifugal	12	160	2.8	Electricity	320,000				
		Vulcan	Centrifugal	12	150	3.	Electricity	202,460				
		Vulcan*	Centrifugal	12	150	3.	Electricity					
		Vulcan	Centrifugal	12	160	3.	Electricity	285,000				
Loomis Power Plant	13								44	147,500		
		Guibal*	Centrifugal	24	72	1.8	Steam		19	12,617	4	1,600
Maxwell	13	Guibal	Centrifugal	24	72	1.8	Steam	201,785				
		Guibal	Centrifugal	35	48	1.7	Steam	192,270				
		Guibal*	Centrifugal	35	48	1.7	Steam					
Nottingham No. 15	12	Guibal	Centrifugal	24	73	1.6	Steam	119,500	31	16,000	3	3,400
		Guibal*	Centrifugal	24	73	1.6	Steam					
		Vulcan	Centrifugal	16	106	2.2	Electricity	116,000				
		Vulcan*	Centrifugal	16	106	2.2	Air					
		Jeffrey	Centrifugal	8	120	.4	Electricity	65,680				
Pettebone	10	Dickson	Centrifugal	35	52	2.4	Steam	275,000	22	12,620	4	5,320
		Dickson	Centrifugal	20	90		Electricity					
		Sturtevant	Centrifugal	16	87	1.2	Electricity	250,000				
		Sturtevant	Centrifugal	16	92	1.4	Steam					
So. Wilkes-Barre	11	Guibal	Centrifugal	35	48	1.7	Steam	186,100	21	8,643	2	437
		Guibal*	Centrifugal	35	48	1.7	Steam					
		Guibal	Centrifugal	35	48	1.9	Steam	183,600				
		Guibal*	Centrifugal	35	48	1.9	Steam					
Stanton	11	Vulcan	Centrifugal	14	90	1.4	Electricity	352,052	37	17,395	4	2,400
		Vulcan*	Centrifugal	14	90	1.4	Air					
		Vulcan	Centrifugal	18	82	1.8	Steam	286,000				
		Vulcan*	Centrifugal	18	82	1.8	Steam					
Sugar Notch	13	Jeffrey	Centrifugal	16	90	1.9	Steam	213,750	25	11,438	4	1,436
		Jeffrey*	Centrifugal	16	90	1.9	Steam					
		Jeffrey	Centrifugal	8	128	1.1	Electricity	30,000				

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930—Continued

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan—disc or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface	
											Number	Approximate number of gallons per minute
LUZERNE COUNTY—Cont'd.												
Glen Alden Coal Co.—Cont'd.												
Truesdale	13	Guibal	Centrifugal	25	80	2.2	Steam	205,840	67	28,000	16	15,280
		Guibal	Centrifugal	25	80	2.2	Steam	225,000				
		Jeffrey	Centrifugal	16	108	2.8	Steam	258,300				
		Vulcan	Centrifugal	16	108	2.8	Steam	294,000				
		Jeffrey	Centrifugal	7	243	3.2	Electricity	129,000				
		Vulcan	Centrifugal	12	109	.8	Electricity	162,000				
		Vulcan	Centrifugal	12	144	2.2	Electricity	188,000				
		Open	Centrifugal	12	125	.8	Electricity	112,000				
		Jeffrey*	Centrifugal	16	120	2.9	Electricity					
		Vulcan*	Centrifugal	14	109	2.2	Electricity					
Wanamie	14	Guibal	Centrifugal	24	70	1.8	Steam	102,310	22	10,000	4	1,500
		Jeffrey	Centrifugal	16	92	1.8	Steam	129,025				
		Jeffrey	Centrifugal	10	115	1.6	Electricity	135,250				
		Jeffrey	Centrifugal	10	112	1.4	Electricity	131,920				
Woodward	12	D. L. & W.	Disc	23	90	3.7	Steam	163,300	41	26,100	3	3,700
		Jeffrey	Disc	20	93	3.5	Steam	371,495				
		Jeffrey*	Disc	20	90	4.	Electricity					
		Dickson	Disc	20	103	3.2	Electricity	278,163				
		Dickson*	Disc	35	47	3.	Steam					
		Jeffrey	Disc	20	70	2.2	Steam	66,000				
		Jeffrey*	Disc	20	70	2.2	Electricity					
Total									513	425,472	72	71,790
Harris-Denly Coal Co.												
Kintz	9						Natural		4	675	2	355

Hillman Colliery Co.													
Hillman	11	Sirocco	Disc	6	300		Electricity	47,860	1	300	1	300	
Hudson Coal Co.													
Baltimore No. 5	11	Guibal	Centrifugal	17	60	1.2	Steam	51,410	66	41,460	6	2,111	
		Guibal	Centrifugal	20	60	1.1	Electricity	195,165					
		Jeffrey	Centrifugal	18	80	2.1	Steam	98,710					
		Jeffrey	Centrifugal	20	99	3.6	Electricity	121,600					
Laflin	7								16	15,750	4	1,093	
		Guibal	Centrifugal	22	80	2.	Steam	165,320	51	43,740	8	2,439	
		Guibal	Centrifugal	12	140	2.	Steam	243,845					
Loree No. 5	12	Guibal	Centrifugal	17	110	1.	Steam	179,975					
		Guibal	Centrifugal	17	87	1.2	Steam	89,835					
		Guibal	Centrifugal	22	88	2.9	Steam	190,845					
		Guibal	Centrifugal	22	70	2.	Steam	91,690					
		Guibal	Centrifugal	28	70	3.	Steam	169,670	73	34,770	7	3,453	
		Guibal	Centrifugal	28	64	3.1	Electricity	207,950					
		Guibal	Centrifugal	22	86	2.5	Steam	32,980					
Pine Ridge	10	Guibal	Centrifugal	20	76	2.3	Steam	338,510					
		Vulcan	Centrifugal	12	140	2.7	Electricity	133,760					
		Buffalo	Centrifugal	12	86	1.1	Electricity	43,650					
Total									206	135,720	25	9,096	
Jeddo-Highland Coal Co.													
Highland No. 2	15	Guibal	Centrifugal	16	60	.7	Electricity	60,000	24	35,820	6	9,140	
		Guibal	Centrifugal	16	65	.6	Steam	54,000					
Highland No. 5	15	Guibal	Centrifugal	16	95	1.5	Steam	39,650	17	15,900	1	1,500	
		Sturtevant	Centrifugal	7	100	1.	Steam	29,000					
		Guibal	Centrifugal	16	75	1.	Steam	56,200	16	9,400	1	1,800	
Jeddo No. 4	15	Guibal	Centrifugal	25	85	2.75	Steam	121,000					
		Guibal	Centrifugal	16	75	1.	Steam	63,000					
		Jeffrey	Centrifugal	6	110	.9	Electricity	63,000					
Jeddo No. 7	15	Sturtevant	Centrifugal	5	150	.3	Steam	31,000	15	13,650	1	1,100	
Total									72	74,770	9	13,540	
John-Ames Coal Co.													
Franklin Washery	11								2	1,100			
Kingston Coal Co.													
Gaylord	12	Guibal	Disc	25	55	1.	Steam	126,300	4	2,800			
Kingston No. 2	12	Guibal	Disc	25	65	1.5	Steam	213,500	6	1,600			
		Guibal	Centrifugal	25	80	3.1	Steam	200,300	12	17,000	6	7,100	
		Guibal	Centrifugal	25	80	3.	Steam						
		Buffalo	Disc	25			Electricity						
Kingston No. 4	9	Guibal	Centrifugal	25	75	2.6	Steam	225,000					
		Guibal	Centrifugal	25	75	2.6	Steam						
		Buffalo	Disc	25			Electricity						
Total									22	21,400	6	7,100	

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930—Continued

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan—disc or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface	
											Number	Approximate number of gallons per minute
LUZERNE COUNTY—Cont'd.												
George F. Lee Coal Co.												
Chauncey	13						Natural	100,000	3	2,800	1	1,200
Lehigh Coal Co.												
Hazle Mountain Stripping	15								1	1,500	1	1,500
Lehigh Navigation Coal Co.												
Cranberry	16	Guibal	Centrifugal	16	66	1.	Electricity	42,741	17	30,500	2	1,850
		Guibal	Centrifugal	16	63	.5	Electricity	65,300				
		Guibal	Centrifugal	16	66	.65	Electricity	37,500				
		Jeffrey	Centrifugal	8	130	.8	Electricity	80,850				
Lehigh Valley Coal Co.												
Dorrance	11	Guibal	Centrifugal	35	49	2.01	Steam	180,501	31	24,150	1	1,000
		Guibal	Centrifugal	28	63	2.6	Steam	141,600				
Exeter	9	Guibal	Centrifugal	20	85	1.	Steam	139,944	34	11,750	4	3,800
		Guibal	Centrifugal	20	80	.9	Steam	96,346				
		Guibal	Centrifugal	20	66	1.8	Steam	110,500				
		Guibal	Centrifugal	20	74	2.	Steam	115,000				
Franklin	11	Jeffrey	Centrifugal	16	90	2.2	Steam	163,000	18	13,100	1	1,800
Hazleton No. 1	15	L. V. Standard	Centrifugal	20	65	1.	Steam	52,020	8	8,150	2	2,500
		Jeffrey	Centrifugal	8	120	.6	Electricity	25,980				
		Guibal	Centrifugal	20	60	.5	Steam	40,970	11	12,120	4	11,000
		Jeffrey	Centrifugal	8	122	.7	Electricity	49,800				
Hazleton Shaft & Stockton	15	Guibal	Centrifugal	20	60	.5	Steam	4,450				
		Jeffrey	Centrifugal	8	122	.7	Electricity	2,270				
		Jeffrey	Centrifugal	8	125	1.5	Electricity	8,130				
		Guibal	Centrifugal	20	60	.5	Electricity	48,060				

Heidelberg	7	Jeffrey	Disc	8	260	.3	Electricity	67,983	8	6,400	4	5,900
Humboldt	16	Jeffrey	Disc	7	150	.5	Electricity	25,000	3	220	2	170
		Guibal	Centrifugal	25	86	3.6	Steam	135,156	27	5,800	2	2,000
Maltby	9	Guibal	Centrifugal	20	92	2.7	Steam	76,038				
		Jeffrey	Disc	8	135	1.4	Electricity	34,006				
Mineral Spring	10	Guibal	Centrifugal	20	65	1.1	Steam	115,800	17	10,600	3	3,400
		Guibal	Centrifugal	20	65	1.1	Steam	115,800				
		Guibal	Centrifugal	12	100	.7	Steam	27,000				
		Guibal	Centrifugal	20	70	1.4	Steam	89,260	18	6,700	3	2,600
Prospect	9	Guibal*	Centrifugal	15			Steam					
		Guibal	Centrifugal	20	80	1.7	Steam	161,900				
		Guibal	Centrifugal	30	54	1.9	Steam	127,770				
		Guibal*	Centrifugal	30			Steam					
		Guibal	Centrifugal	30	53	2.	Steam	68,946	40	12,400	3	5,350
Prospect (Henry)	10	Guibal	Centrifugal	28	45	1.6	Steam	59,182				
		Guibal	Centrifugal	25	50	1.	Steam	102,480				
		Guibal	Centrifugal	28	51	1.9	Steam	117,132				
		Guibal	Centrifugal	20	74	2.	Steam	90,120				
Seneca	7	Guibal	Centrifugal	24	74	2.1	Steam	113,650	24	13,750	6	9,500
		Guibal	Centrifugal	12	120	1.1	Steam	5,800				
Spring Mountain	16	Guibal	Centrifugal	20	35	.5	Steam	12,600	5	3,400	2	3,000
Warrior Run	13	Jeffrey	Centrifugal	8	270	.5	Electricity	81,000	8	3,350	2	1,600
Westmoreland	9	Guibal	Centrifugal	20	82	2.	Steam	122,988	25	6,600	4	3,000
		Jeffrey	Disc	8	106	.4	Electricity	42,450	14	7,800	11	7,475
		Jeffrey	Disc	6	340	.5	Electricity	40,000				
William A.	7	Jeffrey	Disc	6	340	.5	Electricity	40,000				
		Jeffrey	Disc	6	340	.5	Electricity	40,000				
Total									291	146,290	54	64,095
Lynott Coal Co.												
Stripping	8											
M. & M. Coal Co.												
Clifford Washery	7											
Miners Mills Coal Mining Co.												
Miners Mills	10						Natural	98,000	5	375		
Nanticoke Valley Coal Co.												
Washery	14								4	4,200		
Pardee Bros. & Co., Inc.												
Beaver Brook	16					1.	Natural	59,000	15	12,550	6	9,950
		Stine	Disc	8	335	1.	Electricity	29,500	7	6,000	1	2,000
		Sturtevant	Centrifugal	6	195	.4	Electricity					
		Stine	Centrifugal	6	490	1.	Electricity	11,220				
Lattimer	15	Stine	Centrifugal	6	446	.8	Electricity	38,980				
		Stine	Centrifugal	6	450	.6	Electricity	30,595				
		Sturtevant	Centrifugal	6	223	.4	Electricity	28,790				
		Blower	Disc	2	1,780		Electricity					
		Blower	Disc	2	1,060		Electricity					
Total									22	18,550	7	11,950

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930—Continued

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan—disc or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface	
											Number	Approximate number of gallons per minute
LUZERNE COUNTY—Cont'd.												
Park Red Ash Coal Co.												
Red Ash	11								1	40		
Pittston Coal Mining Co.												
Hadleigh	13						Natural	50,000	11	6,700	2	1,900
The Pittston Co.												
Butler	7	Guibal	Centrifugal	12	140	1.8	Electricity	93,920	29	5,475	2	2,000
		Guibal	Centrifugal	16	70	.8	Steam	43,950				
		Guibal	Centrifugal	14	62	.8	Electricity	62,800				
		Guibal	Centrifugal	6	546	1.2	Electricity	70,900				
Central	7	Guibal	Centrifugal	20	55	1.	Steam	85,200	25	16,150	12	13,700
		Guibal	Centrifugal	20	60	.6	Steam	51,000				
Ewen	8	Guibal	Centrifugal	14	107	2.7	Steam	96,940	35	20,825	6	15,900
		Guibal	Centrifugal	14	105	2.1	Steam	130,690				
		Guibal	Centrifugal	20	68	.9	Steam	68,026				
		Guibal	Centrifugal	10	137	1.7	Electricity	98,140				
		Guibal	Centrifugal	10	120	2.1	Electricity	143,340				
Number 6	8	Guibal	Centrifugal	20	70	1.1	Steam	120,820	22	4,995	1	2,500
		Guibal	Centrifugal	20	70	1.	Steam	143,290				
		Guibal	Centrifugal	20	65	1.	Steam	68,900				
		Guibal	Centrifugal	20	140	2.	Electricity	80,150				
		Guibal	Centrifugal	20	70	1.5	Steam	57,400	32	21,530	9	17,200
		Guibal	Centrifugal	10	125	2.	Electricity	180,300				
Number 9	8	Guibal	Centrifugal	20	52	.9	Steam	38,000				
		Guibal	Centrifugal	20	70	1.3	Steam	31,300				
		Guibal	Centrifugal	20	59	1.	Steam	180,300				

Number 14	8	Guibal	Centrifugal	20	64	1.1	Steam	49,480				
		Guibal	Centrifugal	10	132	1.5	Electricity	107,200				
		Guibal	Centrifugal	20	56	.9	Steam	46,990	36	15,985	6	13,375
		Guibal	Centrifugal	20	70	1.4	Steam	85,600				
		Guibal	Centrifugal	20	70	1.5	Steam	89,109				
		Guibal	Centrifugal	14	120	2.	Electricity	122,200				
		Guibal	Centrifugal	20	72	1.	Steam	28,000				
		Guibal	Centrifugal	17	51	.5	Electricity	58,585				
Total									179	84,960	36	64,675
Plymouth Mining Co.												
Plymouth	12											
Plymouth Red Ash Coal Co.												
Red Ash	12						Natural		2	200		
T. F. Quinn Coal Co.												
Consolidated	7								1	500		
Raub Coal Co.												
Louise	10						Natural	23,000	2	800		
Rose Coal Co.												
Florence	7	Sturtevant	Centrifugal	3	275	1.	Electricity	15,000	2	1,100	1	1,000
Sandy Run Coal Co.												
Sandy Run	15						Natural		7	8,250	1	1,000
Scranton Anthracite Coal Co.												
Barnum	7	Jeffrey	Centrifugal	14	250	.2	Electricity	25,000				
Pickaway	7	Jeffrey	Centrifugal	10	150	.1	Electricity	12,000	2	150	2	150
E. S. Stackhouse Coal Co.												
Salem	14						Natural		9	1,750	8	1,000
Suscon Coal Co.												
Suscon	9	Sturtevant	Centrifugal	3	275	1.	Electricity	15,100	1	100	1	100
Susquehanna Collieries Co.												
Number 6	14	Sturtevant	Centrifugal	9	180	1.2	Electricity	69,000	38	27,885	13	19,600
		Jeffrey	Centrifugal	10	150	1.8	Electricity	61,900				
		Vulcan	Centrifugal	10	140	2.	Electricity	87,500				
		Connellsville	Centrifugal	8	170	1.3	Electricity	30,000				
Number 7	14	Guibal	Centrifugal	20	70	1.6	Electricity	123,800				
		Guibal	Centrifugal	25	72	2.1	Steam	99,100	43	15,400	5	10,500
		Guibal	Centrifugal	25	60	1.6	Steam	98,200				
		Guibal	Centrifugal	25	64	2.	Steam	162,275				
		Guibal	Centrifugal	20	80	1.8	Electricity	84,300				
		Vulcan	Centrifugal	16	125	3.9	Steam	157,000				
		Capell	Centrifugal	10	216	3.2	Electricity	88,600				
		Connellsville	Centrifugal	8	170	2.5	Electricity	45,000				
Total									81	43,285	18	30,100
Temple Coal Co.												
Harry E.	9	Guibal	Centrifugal	25	75	2.	Steam	172,000	40	23,325	7	7,200
		Guibal	Centrifugal	20	95	2.5	Steam	109,100				
		Guibal	Centrifugal	20	90	2.3	Steam	99,985				

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930—Continued

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan—disc or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface: Number	Pumps delivering water to surface: Approximate number of gallons per minute
LUZERNE COUNTY—Cont'd.												
Troy Coal Co.												
Troy	9						Natural		3	725	3	725
West End Coal Co.												
West End	14	Jeffrey	Centrifugal	10	100	1.4	Electricity	94,600	46	34,240	9	19,400
		Guibal	Centrifugal	16	90	1.4	Steam	89,000				
		Guibal	Centrifugal	15	90	1.	Electricity	96,000				
		Guibal	Centrifugal	6	200	1.	Electricity	74,000				
		American	Centrifugal	6	150	.8	Electricity	42,000				
		American	Centrifugal	5	300	1.	Electricity	43,000				
Wolf Collieries Co., Inc.												
Woodside	15	Sturtevant	Centrifugal	8	75	.5	Electricity	12,000	7	6,400	3	3,800
		Jeffrey	Centrifugal	4	100	.7	Electricity	8,500				
Yatesville Coal Co.												
Yatesville	9	Sturtevant	Centrifugal	6	250	1.	Electricity	27,600	3	225	1	125
									1,676	1,128,904	305	331,633
*Emergency fan												
Grand total												
NORTHUMBERLAND COUNTY												
Colonial Colliery Co.												
Colonial	23	Vulcan	Disc	21	80	2.	Electricity	80,000	59	45,300	6	2,000
		Jeffrey	Disc	18	100	1.5	Electricity	50,000				
		Jeffrey	Disc	8	250	2.	Electricity	80,000				
		Jeffrey	Disc	12	180	2.5	Electricity	150,000				
		Jeffrey	Disc	6	150	.8	Electricity	80,000				
		Jeffrey	Disc	4	250	1.	Electricity	20,000				

Excelsior Coal Co.														
Corbin	24							Natural	29,000	4	2,000	2	700	
Lehigh Valley Coal Co.														
Sayre	22	Guibal	Centrifugal	8	175	1.5		Electricity	12,782	15	13,400	6	11,500	
		Guibal	Centrifugal	12	140	1.		Electricity	30,000					
		Guibal	Centrifugal	20	80	2.		Steam	79,105					
		Guibal	Centrifugal	12	150	1.		Electricity	12,105					
Northumberland Mining Co.														
Enterprise	24	Guibal	Centrifugal	16	100	1.5		Electricity	67,000	11	14,550	5	11,100	
		Guibal	Centrifugal	16	75	.75		Electricity	70,000					
		Jeffrey	Centrifugal	4	450	1.		Electricity						
Phila. & Reading Coal & Iron Co.														
Alaska	23	Jeffrey	Centrifugal	6	235	1.2		Electricity	83,200	11	11,850	5	1,843	
		Guibal	Centrifugal	18	88	1.		Electricity	99,400					
		Jeffrey	Centrifugal	6	207	1.		Electricity	80,400					
Bear Valley	24	Jeffrey	Centrifugal	6	240	.8		Electricity	55,000	9	11,004	8	1,993	
		Guibal	Centrifugal	15	144	1.8		Electricity	80,000					
		Jeffrey	Centrifugal	6	200	.9		Electricity	60,000					
		Jeffrey	Centrifugal	6	140	.8		Electricity	30,000					
		Jeffrey	Centrifugal	10	145	1.8		Electricity	110,000					
Burnside	24	Guibal	Centrifugal	18	85	2.5		Steam	80,000	8	8,590	5	1,935	
		Guibal	Centrifugal	21	75	1.6		Steam	100,000					
		Jeffrey	Centrifugal	6	240	2.3		Electricity	85,000					
		Jeffrey	Centrifugal	6	250	1.1		Electricity	100,000					
Central Breaker	23													
Henry Clay	24	Jeffrey	Centrifugal	6	180	1.2		Steam	55,000	8	10,642	6	1,926	
		Jeffrey	Centrifugal	6	230	1.8		Steam	85,000					
		Jeffrey	Centrifugal	6	220	.9		Electricity	109,000					
		Jeffrey	Centrifugal	6	220	1.2		Electricity	88,800					
Locust Spring	23	Guibal	Centrifugal	21	70	1.6		Steam	57,000	9	10,251	6	2,713	
		Jeffrey	Centrifugal	10	140	1.6		Electricity	119,600					
		Jeffrey	Centrifugal	10	150	.6		Electricity	175,000					
		Guibal	Centrifugal	18	150	.6		Steam	50,000					
		Jeffrey	Centrifugal	6	150	1.2		Steam	73,000					
		Guibal	Centrifugal	21	120	2.		Steam	68,000					
		Jeffrey	Centrifugal	6	140	.3		Electricity	75,000					
Reliance	23	Jeffrey	Centrifugal	6	235	1.		Electricity	37,700	4	9,200	3	2,754	
		Jeffrey	Centrifugal	10	156	2.		Electricity	171,150					
		Guibal	Centrifugal	21	80	2.		Electricity	87,500					
Total										49	61,537	33	13,164	
Steinhart Coal Co.														
Katherine	24							Natural	10,000					
Stevens Coal Co.														
Trout Run Washery	24													
Susquehanna Collieries Co.														
Cameron	24	Connellsville	Centrifugal	8	174	1.7		Electricity	110,000	6	10,000	6	1,926	

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930—Continued

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan—disc or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface	
											Number	Approximate number of gallons per minute
NORTHUMBERLAND COUNTY—Cont'd.												
Susquehanna Collieries Co.—Cont'd.												
Pennsylvania	23	Vulcan	Centrifugal	12	120	1.5	Electricity	140,000	17	22,120	9	4,632
		Connellsville	Centrifugal	8	150	1.5	Electricity	110,000				
		Guibal	Centrifugal	21	90	2.	Electricity	125,000				
		Guibal	Centrifugal	16	90	1.5	Electricity	106,000				
		Guibal	Centrifugal	21	90	2.2	Electricity	112,300				
Richards	23	Guibal	Centrifugal	18	100	1.4	Electricity	97,260	10	9,900	8	1,765
		Jeffrey	Centrifugal	7	170	1.	Electricity	70,500				
		Connellsville	Centrifugal	9	178	1.2	Electricity	110,230				
		Jeffrey	Centrifugal	10	170	2.2	Electricity	129,680				
		Connellsville	Centrifugal	8	170	1.	Electricity	120,000				
Total									33	42,020	23	8,323
Grand total									171	178,807	75	46,787
SCHUYLKILL COUNTY												
Bell Colliery Co.												
Bell	18	Stine	Disc	3	1,160	2.	Electricity	2,500	2	800	1	300
Black Heath Coal Co.												
Black Heath	19						Natural					
Buck Run Coal Co.												
Buck Run	19	Jeffrey	Centrifugal	6	300	3.	Electricity	100,000	23	19,530	9	9,450
		Jeffrey	Centrifugal	6	280	1.25	Electricity	62,000				
		Jeffrey	Centrifugal	6	240	1.13	Electricity	48,000				
		Sirocco	Centrifugal	6	240	1.13	Electricity	25,000				
		Jeffrey	Disc	6	400	1.	Electricity	25,000				
		Jeffrey	Disc	6	400	1.	Electricity	25,000				

Chestnut Hill Coal Co.												
Chestnut Hill	18							Emergency	3	625	1	180
Coxe Bros. & Co., Inc.												
Onedia	16	Guibal	Centrifugal	20					27	2,801		
		Jeffrey	Centrifugal	8	175	.4	Electricity	39,339				
		Plezer	Centrifugal	12	120	.8	Steam	61,762				
East Bear Ridge Colliery Co.												
East Bear Ridge	22	Guibal	Centrifugal	16	75	1.2	Electricity	50,000	4	5,300	4	5,300
Frackville Coal Co.												
Lucania	18	Jeffrey	Centrifugal	3	300	1.	Electricity	4,800	2	575		
Glen Alden Coal Co.												
Audenried	16	Jeffrey	Centrifugal	8	110	.8	Steam	49,500	10	1,500	7	8,000
		Guibal	Centrifugal	15	80		Steam	47,525				
		Guibal	Centrifugal	15	65	.6	Steam	28,500	1	1,000	1	1,000
Honey Brook	16	Guibal	Centrifugal	8	135	.8	Steam	28,500				
		Guibal	Centrifugal	15	65	.7	Steam	25,150				
		American Blower	Centrifugal	4	1,200	3.	Electricity	8,000				
		American Blower	Centrifugal	4	1,500	3.	Electricity	8,000				
Total									11	2,500	8	9,000
Haddock Mining Co.												
Candlemas	16	Jeffrey	Centrifugal	6	138	1.1	Electricity	17,500	40	23,375	15	12,000
		Jeffrey	Centrifugal	8	240	1.75	Electricity	50,000				
		Jeffrey	Centrifugal	8	180	1.2	Electricity	32,000				
		Jeffrey	Centrifugal	8	225	1.75	Electricity	62,000				
Salem Hill	18	Buffalo	Disc	5	1,100	1.	Electricity	3,500	4	1,200	2	1,000
		Jeffrey	Centrifugal	8	123	1.	Electricity	70,000				
Total									44	24,575	17	13,000
Hazle Brook Coal Co.												
Maryd	18	Vulcan	Disc	20	54	1.	Steam	44,400	7	6,500	4	2,465
		Jeffrey	Centrifugal	7	155	1.3	Electricity	50,000				
Raven Run	21	Guibal	Disc	9	256	1.1	Electricity	24,130	11	13,200	3	1,243
		Sturtevant	Centrifugal	6	225	.6	Electricity	14,796				
Westwood	25	Vulcan	Centrifugal	16	110	1.	Electricity	85,000	6	5,950	2	750
		Jeffrey	Centrifugal	5	235	1.	Electricity	45,000				
Total									24	25,650	9	4,458
Harleigh-Brookwood Coal Co.												
Lawrence	22	Vulcan	Centrifugal	20	80	2.	Electricity	140,000	15	19,700	4	2,800
		Vulcan	Centrifugal	14	80	1.2	Electricity	80,000				
Lavelle Coal Co.												
Bickle (Mowrey)	22	Jeffrey	Centrifugal	3	425	.5	Electricity	25,340	2	500	1	200
Lehigh Navigation Coal Co.												
Alliance	18	Jeffrey	Centrifugal	8	220	3.2	Electricity	101,000	8	13,000	2	4,100
		Sturtevant	Centrifugal	9	160	2.6	Electricity	104,000				
		Guibal	Centrifugal	10	96	.8	Electricity	61,000				

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930—Continued

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan—disc or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface	
											Number	Approximate number of gallons per minute
SCHUYLKILL COUNTY—Cont'd.												
Lehigh Navigation Coal Co.—Cont'd.												
Coaldale	17	Jeffrey	Centrifugal	10	193		Electricity	166,170	5	4,300	5	4,300
		Sturtevant	Centrifugal	12	172		Electricity	95,000				
		Jeffrey	Centrifugal	10	164	4.	Electricity	211,800				
Greenwood	17	Vulcan	Centrifugal	12	184	4.25	Electricity	270,000	5	8,750	3	6,000
Rahn	17	Jeffrey	Centrifugal	8	120	1.5	Electricity	220,000	12	17,000	5	11,500
		Jeffrey	Centrifugal	10	215	3.	Electricity	220,000				
Tamaqua	18	Guibal	Centrifugal	21	142	2.5	Electricity	200,000	5	9,000	3	6,000
		Vulcan	Centrifugal	12	142	3.4	Electricity	152,000				
Total									35	52,050	18	31,900
Lehigh Valley Coal Co.												
		Guibal	Centrifugal	16	85	.5	Steam	35,000	19	13,000	5	10,500
		Guibal	Centrifugal	20	20	.2	Steam	16,000				
Buck Mountain	18	Guibal	Centrifugal	25	65	1.6	Steam	97,000				
		Vulcan	Centrifugal	9	150	.5	Electricity	50,000				
Packer No. 4	21	Jeffrey	Centrifugal	8	152	1.	Electricity	121,000	9	13,100	5	3,469
		Jeffrey	Centrifugal	10	140	2.3	Electricity	140,000				
		Guibal	Centrifugal	20	62	1.	Steam	72,160				
Packer No. 5	21	Vulcan	Centrifugal	18	90	2.	Steam	157,000	4	4,750	2	1,921
		Sirocco	Centrifugal	9	113	1.2	Steam	52,000	55	26,700	16	15,550
		Sirocco	Centrifugal	8	130	1.	Steam	40,000				
Park	20	Sturtevant	Centrifugal	6	75	1.	Steam	25,700				
		Jeffrey	Centrifugal	8	160	1.	Electricity	11,000				
Total									87	57,550	28	31,440

Locust Mountain Coal Co.													
Weston	21	Stine	Disc	5	580	2.	Electricity	98,000	6	1,400			
Lytle Coal Co.													
Lytle	19	Guibal	Centrifugal	20	94	2.2	Electricity	145,000	8	12,300	3	6,500	
		Guibal	Centrifugal	18	95	2.1	Electricity	90,000					
		Guibal	Centrifugal	12	165	2.1	Electricity	130,000					
		Guibal	Centrifugal	6	275	1.5	Electricity	41,000					
Mill Creek Coal Co.													
Middle Lehigh	18	Guibal	Centrifugal	16	70	1.5	Electricity	100,000					
Morea	18						Natural		12	20,500	9	2,700	
Wolf Creek	18	Guibal	Centrifugal	16	60	.4	Electricity	48,500	8	6,150	4	800	
Total									20	26,650	13	3,500	
Phila. & Reading Coal & Iron Co.													
Bancroft	22												
Bast	22	Guibal	Centrifugal	21	86	2.	Steam	100,000	9	10,660	3	1,568	
		Guibal	Centrifugal	21	90	2.2	Steam	104,000					
		Jeffrey	Centrifugal	6	180	1.	Electricity	60,000					
		Jeffrey	Centrifugal	6	180	1.	Electricity	66,330					
Brookside	25	Jeffrey	Centrifugal	6	195	1.2	Electricity	54,400					
		Jeffrey	Centrifugal	6	170	1.	Electricity	39,600					
		Jeffrey	Centrifugal	6	170	1.	Electricity	29,200					
		Jeffrey	Centrifugal	6	170	.8	Electricity	33,000					
		Guibal	Centrifugal	15	90	1.2	Steam	50,000					
		Guibal	Centrifugal	21	90	2.1	Steam	73,600					
Eagle Hill	18												
Ellangowan	20	Guibal	Centrifugal	21	70	1.	Steam	149,600	7	12,314	7	1,671	
		Guibal	Centrifugal	18	60	1.	Steam	123,000					
Gilberton	22	P. & R. C. & I.	Centrifugal	21	75	1.9	Steam	100,000	7	12,130	4	4,280	
		P. & R. C. & I.	Centrifugal	21	75	1.9	Steam	102,300					
		Jeffrey	Centrifugal	6	130	1.6	Electricity	44,000					
		Jeffrey	Centrifugal	10	125	1.6	Electricity	46,000					
		Guibal	Centrifugal	18	85	1.2	Steam	120,000					
		Guibal	Centrifugal	18	90	1.2	Steam	123,000					
		Guibal	Centrifugal	15	89	.6	Steam	45,000					
Good Spring	25	Guibal	Centrifugal	16	90	.6	Steam	48,000					
		Jeffrey	Centrifugal	6	150	.6	Electricity	103,000					
		Jeffrey	Centrifugal	6	172	.4	Electricity	41,400					
		Jeffrey	Centrifugal	6	172	.6	Electricity	46,000					
Hammond	21	Guibal	Centrifugal	21	80	2.4	Steam	114,000	8	9,639	3	2,180	
		Guibal	Centrifugal	21	80	1.8	Steam	82,000					
		Jeffrey	Centrifugal	6	220	1.9	Electricity	50,000					
Lincoln	25	Guibal	Centrifugal	21	87	2.	Steam	129,700	2	6,530	2	1,483	
		Guibal	Centrifugal	18	95	2.	Steam	74,500					
		P. & R.	Centrifugal	5	100	2.	Steam	25,700					
		P. & R.	Centrifugal	5	100	2.	Steam	25,000					
Mahanoy City	20	Guibal	Centrifugal	21	85	2.	Steam	90,800	5	5,400	2	1,167	

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930—Continued

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan—disc or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface: Number	Pumps delivering water to surface: Approximate number of gallons per minute
SCHUYLKILL COUNTY—Cont'd.												
		Guibal	Centrifugal	6	222	1.7	Electricity	36,000	12	14,590	3	4,868
		Jeffrey	Centrifugal	21	78	1.7	Steam	100,000				
Maple Hill	20	Guibal	Centrifugal	21	78	2.	Steam	102,000				
		Guibal	Centrifugal	21	78	1.8	Steam	36,400				
		Guibal	Centrifugal	21	78	1.8	Steam	40,000				
North Mahanoy	20	Guibal	Centrifugal	21	80	2.	Steam	149,000	6	11,500	2	1,232
		Jeffrey	Centrifugal	6	235	1.9	Electricity	63,000				
		P. & R.	Centrifugal	21	85	2.	Steam	70,440	6	5,260	3	1,712
		P. & R.	Centrifugal	15	80	1.6	Steam	49,500				
		P. & R.	Centrifugal	18	85	.8	Steam	27,500				
Otto	19	P. & R.	Centrifugal	21	94	1.2	Steam	25,535				
		Jeffrey	Centrifugal	6	40	.4	Electricity	22,816				
		Jeffrey	Centrifugal	8	160	1.5	Electricity	29,326				
		Jeffrey	Centrifugal	10	134	1.5	Electricity	100,000	11	16,400	6	6,581
		Jeffrey	Centrifugal	6	195	1.2	Electricity	58,000				
		P. & R.	Centrifugal	18	65	1.1	Steam	95,000				
Pine Knot	19	P. & R.	Centrifugal	21	96	2.2	Steam	115,400				
		Jeffrey	Centrifugal	6	260	1.4	Electricity	50,200				
		General Electric	Centrifugal	15	80	1.3	Electricity	59,800				
		P. & R.	Centrifugal	18	76	1.5	Electricity	69,600				
Reevesdale	18											
		Guibal	Centrifugal	18	70	1.1	Electricity	90,000	9	13,563	4	1,114
Shenandoah City	21	Jeffrey	Centrifugal	6	6	1.5	Electricity	126,000				
Silver Creek	18	P. & R.	Centrifugal	21	65	1.6	Steam	100,000				
		Jeffrey	Centrifugal	6	245	2.	Electricity	59,300	15	20,243	9	2,643
		Jeffrey	Centrifugal	6	245	2.	Electricity	28,700				
Tunnel Ridge	20	Guibal	Centrifugal	21	76	1.7	Steam	16,200				
		Guibal	Centrifugal	15	74	1.7	Steam	13,200				

Wadesville	18	Jeffrey	Centrifugal	8	98	.6	Electricity	31,000	2	1,078	2	1,078
		Guibal	Centrifugal	21	72	1.2	Steam	40,000				
		Guibal	Centrifugal	21	72	1.2	Steam	51,400				
		Jeffrey	Centrifugal	6	218	1.6	Electricity	50,000				
		Jeffrey	Centrifugal	6	215	1.2	Electricity	64,000	12	9,920	3	894
		P. & R.	Centrifugal	21	90	3.	Steam	64,000				
West Shenandoah	21	Jeffrey	Centrifugal	6	162	.5	Electricity	90,000				
		Jeffrey	Centrifugal	6	215	2.	Electricity	64,000				
		Jeffrey	Centrifugal	6	170	2.	Electricity	93,000				
Total									111	149,227	53	32,691
Pine Hill Coal Co.		Jeffrey	Centrifugal	10	160	3.	Electricity	150,000	6	8,800	3	4,400
		Jeffrey	Centrifugal	10	170	3.	Electricity	225,000				
Oak Hill	19	Stine	Disc	5	170	3.	Electricity	10,000				
		Stine	Disc	5	170	3.	Electricity	10,000				
Pine Hill	19	Jeffrey	Centrifugal	6	334	3.15	Electricity	141,500	6	10,650	3	6,200
		Jeffrey	Centrifugal	7	155	1.3	Electricity	56,000				
		Guibal	Centrifugal	10	67	.7	Electricity	45,700				
		Jeffrey	Centrifugal	5	170	3.	Electricity	36,000				
Total									12	19,450	6	10,600
Repplier Coal Co.												
New Castle	19	American Blower	Centrifugal	6	280	1.	Electricity	20,540	21	22,100	6	8,000
		Jeffrey	Centrifugal	6	235	1.75	Electricity	33,700				
		Jeffrey	Centrifugal	6	586	1.	Electricity	36,880				
		Jeffrey	Centrifugal	6	320	.75	Electricity	21,460				
		Jeffrey	Centrifugal	5	272	1.25	Electricity	16,470				
Saint Clair Coal Co.												
		Vulcan	Centrifugal	10	130	1.2	Electricity	122,500	21	18,600	10	8,700
Saint Clair	18	Guibal	Centrifugal	16	95	1.4	Electricity	85,500				
		Jeffrey	Centrifugal	7	98	1.	Electricity	40,000				
Sherman Coal Corp.												
Sherman	19	Jeffrey	Disc	3	475	1.45	Electricity	20,800	5	2,410	2	1,210
		Buffalo	Disc	3	770	1.35	Electricity	30,760				
South Penn Collieries Co.												
Randolph	18	Vulcan	Centrifugal	10	164	2.2	Electricity	82,000	11	5,850	2	1,100
Strange Coal Co.												
Strange Washery	18											
Susquehanna Collieries Co.												
Wm. Penn	21	Jeffrey	Centrifugal	12	116	2.	Electricity	185,000	4	4,200	2	1,734
Syncline Contracting Co.												
Syncline	22											
Thomas Colliery Co.												
Thomas	21						Natural		14	12,130	4	529
Grand total									512	486,473	201	182,372

Table 5—Operators and mines, type and size of fans, volume of air produced by fan per minute, number and capacity of pumps, 1930—Continued

Operators and mines	District	Ventilation							Pumps			
		Name of fan	Type of fan disc or centrifugal	Diameter of fan in feet	Revolutions per minute	Water gauge developed—in inches	Power used	Cubic feet of air per minute produced by the ventilator	Total number	Total capacity in gallons per minute	Pumps delivering water to surface	
											Number	Approximate number of gallons per minute
SULLIVAN COUNTY												
Anthracite Power & Utilities Co.												
Murray	10	Guibal	Centrifugal	16	85	1.6	Steam	72,500	1	350		
Connell Anthracite Mining Co.												
Connell	10	Stine	Centrifugal	5	400	1.5	Electricity	20,000	2	300		
		Guibal	Centrifugal	16	85	2.	Electricity	90,000				
Grand total									3	650		
SUSQUEHANNA COUNTY												
Hudson Coal Co.												
Clinton*	1											
The Pittston Co.												
Forest City*	1											
WAYNE COUNTY												
Hudson Coal Co.												
Clinton*	1											
The Pittston Co.												
Forest City*	1											
Grand total all counties									3,511	2,656,707	774	822,213

* See Lackawanna County.

Table 6—Showing coal seam worked, machinery used, number of employes and number of tons produced by mechanical mining, 1929

County	Mechanical Mining					Machine Mining (all methods)			
						Mining Machines			
	Number of scraper units	Number of conveyor units	Number of loading machines	Number of employes engaged in this class of work	Number of tons of coal produced by this class of mining	Electric	Compressed air	Approximate tons produced by electric machines	Approximate tons produced by compressed air machines
Carbon									
Columbia									
Dauphin									
Lackawanna	153	52	17	1,792	1,490,403	102		995,960	
Luzerne	103	197	6	1,401	1,084,725	26		229,535	
Northumberland	49	52	1	409	303,446	7		25,974	
Schuylkill	22	50	2	297	173,094	1		7,600	
Sullivan	4			30	8,300	9		39,900	
Susquehanna*									
Wayne*									
Total	331	351	26	3,929	3,059,968	145		1,298,999	

* Included with Lackawanna County. Clinton and Forest City Collieries located in Lackawanna, Susquehanna and Wayne Counties.

Table 6—Showing coal seam worked, machinery used, number of employes and number of tons produced by mechanical mining, 1930

Operators and Mines	District	Geological and local name of coal bed	Average height of seam—in inches	Mechanical Mining					Machine Mining (all methods)			
				Number of scraper units	Number of conveyor units	Number of loading machines	Number of employes engaged in this class of work	Number of tons of coal produced by this class of mining	Mining Machines: Electric	Mining Machines: Compressed air	Approximate tons produced by electric machines	Approximate tons produced by compressed air machines
CARBON COUNTY												
COLUMBIA COUNTY												
DAUPHIN COUNTY												
LACKAWANNA COUNTY												
Carova Coal Mining Co.												
Boland	1	Dunmore	30	2			13	15,355	2		15,355	
Glen Alden Coal Co.												
Diamond	3								1		6,597	
Hyde Park	5	H—Four Foot	28	2			20	21,685	2		21,685	
Storrs	5	H—Four Foot	24									
		G—Diamond	72									
		F—Rock	27	9	12		167	569,191	10		122,473	
		B—No. 1 Dunmore	40									
		B—No. 2 Dunmore	32									
Total				11	12		187	590,876	13		150,755	
Hudson Coal Co.												
Clinton	1	No. 1 Dunmore	36	16	6		174	112,097	6		67,597	
Coal Brook	2	B—Dunmore	42	9	1		133	113,955	9		113,955	
Eddy Creek	3			7	1		83	76,177	1		5,046	
Gravity Slope	2	B—Dunmore	42	6	1		66	78,420	4		48,106	
Jermyn	1	Dunmore	30	16	1		179	153,150	16		147,915	
Marvine	3			39			280	296,236	2		14,881	
Olyphant	6	C—Bottom Clark	41	17			177	176,643	4		27,005	
Total				110	10		1,092	1,006,678	42		424,505	

Lackawanna Anthracite Mining Co.											
Richmondale	1	Dunmore	26	5			50	29,200	5	29,200	
Lackawanna Coal Co., Ltd.											
Lackawanna	6	C—Clark	26	6			53	60,265			
Lehigh Valley Coal Co.											
Broadwell	7			7			36	33,289			
Moffat Coal Co.											
Moffat	5	B—No. 1 Dunmore	42			1	18	2,211			
The Pittston Co.											
Forest City	1	B—No. 1 Dunmore	31	7	1		69	35,795	14	35,302	
No. 1	6	B—No. 1 Dunmore	48		9	1	80	65,302	7	48,002	
No. 5	4	B—No. 3 Dunmore	47	1	2		11	2,164			
Old Forge	4	B—No. 3 Dunmore	54	1			9	1,270	1	765	
Underwood	6	B—No. 3 Dunmore	50	3	3		66	79,933	11	73,568	
Total				12	15	1	235	184,464	33	157,637	
Price-Pancoast Coal Co.											
Pancoast	4	B—No. 3 Dunmore	34	6	48		184	117,445			
Scranton Coal Co.											
Capouse	4	B—No. 1 Dunmore	56	2			16	1,390			
Johnson	6	B—No. 2 Dunmore	48	3			26	2,030			
Pine Brook	4	B—No. 3 Dunmore	46	1			7	7,519	9	257,787	
Raymond Slope	2	C—Clark	46	3			27	8,790			
Total				9			76	19,729	9	257,787	
Seymour Coal Co.											
Glendale	1	Clark Rider	24	1	2		12	6,300			
Sindaco Coal Co.											
Sindaco*	5	B—No. 2 Dunmore	32					930			
South Penn Collieries Co.											
(R. H. Buchanan, Receiver)											
Leggitts Creek	3			3	2		31	30,852	1	7,700	
Von Storch	3			5			60	56,804	2	8,500	
Total				8	2		91	87,656	3	16,200	
Spencer Coal Co.											
Spencer	6	C—Clark	30	2			12	2,500			
Temple Coal Co.											
Sterrick Creek Shaft	2	B—Dunmore	27	13			69	30,986			
Grand total				192	89	2	2,128	2,187,884	107	1,051,439	

(*) Data not reported.

Table 6—Showing coal seam worked, machinery used, number of employes and number of tons produced by mechanical mining, 1930—Continued

Operators and Mines	District	Geological and local name of coal bed	Average height of seam—in inches	Mechanical Mining					Machine Mining (all methods)			
				Number of scraper units	Number of conveyor units	Number of loading machines	Number of employes engaged in this class of work	Number of tons of coal produced by this class of mining	Mining Machines: Electric	Mining Machines: Compressed air	Approximate tons produced by electric machines	Approximate tons produced by compressed air machines
LUZERNE COUNTY												
Alden Coal Co.												
Alden	14	I—George	42									
		H—Orchard	30									
		G—Mills	72									
		F—Hillman	66									
		E—Bennett	24	7			16	8,000				
		D—Twin	42									
		C—Ross	60									
		B—Red Ash	54									
Glen Alden Coal Co.												
Grand Tunnel	13	Ross			7		30	[1]	2		35,058	
Hollenback	7				3		9	6,881				
Loomis	13	Abbott	30	10			80	57,851				
		No. 6	34									
Pettebone	10	Ross	31	14	3		119	78,681				
		Skidmore	30									
		Five Foot	46									
Total				24	13		238	143,413	2		35,058	
[1] No production reported.												
Hudson Coal Co.												
Loree	12			14	1		107	64,992	3		11,573	

Pine Ridge	10	Five Foot	38	28	1		165	133,055	1	1,602	
		Red Ash	36								
		Three Foot	40								
		Checker	48								
		Ross	36								
Total				42	2		272	198,047	4	13,175	
Jeddo-Highland Coal Co.											
Jeddo No. 4 & Ebervale	15	Primrose	36		46		72	73,317			
		Mammoth	272								
		Wharton	84								
		Gamma	24								
		Buck Mountain	94								
Jeddo No. 7	15	Holmes	48		2		4	1,097			
		Mammoth	284								
		Wharton	84								
		Buck Mountain	36								
Highland No. 2	15	Buck Mountain	144		1		2	1,426			
		Buck Mountain	96								
		Alpha	52								
Highland No. 5	15	Buck Mountain	135		33		66	54,202			
		Gamma	24								
		No. 8	72								
Total					82		144	130,042			
George F. Lee Coal Co.											
Chauncey	13	Ross	30		37	4	100	95,000			
Lehigh Valley Coal Co.											
Dorrance	11			1	9		28	25,900			
Exeter	9	F—Checker	36	3		1	10	9,776			
		B—Red Ash	42								
Heidelberg	7				12		16	9,859			
Maltby	9	C—Top Ross	25	2			5	5,405			
Prospect	9	D—Marcy	48	3			6	2,368			
Seneca	7			3		1	17	10,430			
Westmoreland	9	C—Ross	36	2			8	2,631			
William A	7			1			7	932			
Total				15	21	2	97	67,301			
Park Red Ash Coal Co.											
Red Ash	11					1	5	21,208			
The Pittston Co.											
Butler	7			1	10		77	32,609			
Ewen	8	G—Marcy	42	5	35		358	343,768			
		E—Clark	48						7	310,000	
		B—Red Ash	46								

Table 6—Showing coal seam worked, machinery used, number of employes and number of tons produced by mechanical mining, 1930—Continued

Operators and Mines	District	Geological and local name of coal bed	Average height of seam—in inches	Mechanical Mining					Machine Mining (all methods)			
				Number of scraper units	Number of conveyor units	Number of loading machines	Number of employes engaged in this class of work	Number of tons of coal produced by this class of mining	Mining Machines: Electric	Mining Machines: Compressed air	Approximate tons produced by electric machines	Approximate tons produced by compressed air machines
LUZERNE COUNTY—Cont'd.												
The Pittston Co.—Cont'd.												
No. 6	8	G—Marcy	40		1		40	16,960				
No. 9	8	E—Clark	38	2	2		33	19,562				
No. 14	8	I—Checker	36		4		63	15,475				
Total				8	52		571	428,374	7		310,000	
Scranton Coal Co.												
Barnum	7			5			49	*				
Pickaway	7				1		3	*				
Total				5	1		52					
Temple Coal Co.												
Harry E	9	B—Red Ash	42	3	1		18	14,197				
		C—Top Ross	30									
Grand total				104	209	7	1,513	1,105,582	13		358,233	
(*) Production not reported.												
NORTHUMBERLAND COUNTY												
Colonial Colliery Co.												
Colonial	23	Lykens Valley	90	31	32	1	235	171,960	3		5,353	
		White's Vein	24									
		Buck Mountain	48									
		Buck Mountain Split	30									
		Seven Foot	48									
		Skidmore	30									
		Splits of Mammoth	228									
		Four Foot	42									
		Holmes	30									

Phila. & Reading Coal & Iron Co.												
Burnside No. 3	24	Mammoth	108		17		90	65,508	2		19,358	
		Skidmore	40									
		Buck Mountain	108									
Locust Spring	23	Buck Mountain	48		2		4	1,982				
		Skidmore	42									
		Seven Foot	36									
		Mammoth	180									
		Four Foot	36									
		Holmes	54									
Total					19		94	67,490	2		19,358	
Susquehanna Collieries Co.												
Richards	23	Buck Mountain	30	10			45	41,442				
		Seven Foot	36									
		Skidmore	30									
		Mammoth Nos. 8, 9, 9½	136									
		Four Foot	30									
		Holmes	48									
		Holmes Split	30									
Grand total				41	51	1	374	280,892	5		24,711	
SCHUYLKILL COUNTY												
Hazle Brook Coal Co.												
Raven Run	21	Little Buck Mountain	36	26			114	60,251				
		Buck Mountain	120									
		Mammoth	144									
Locust Mountain Coal Co.												
Weston	21	Buck Mountain	96	8	4		60	55,622				
		Little Buck Mountain	42									
Phila. & Reading Coal & Iron Co.												
Otto	19	Primrose	110		34		68	47,500				
		White Ash Mammoth	98									
Pine Knot	19	Seven Foot	48		8		24	24,000				
		Bottom Split Mammoth	84									
Shenandoah City	21	Mammoth	473		1		4	8,995				
Silver Creek	18	Skidmore	66		2		8	3,700				
Total					45		104	84,195				
Pine Hill Coal Co.												
Pine Hill	19	Buck Mountain	91	7	2		46	18,200				
Grand total				41	51		324	218,268				

Table 6—Showing coal seam worked, machinery used, number of employes and number of tons produced by mechanical mining, 1930—Continued

Operators and Mines	District	Geological and local name of coal bed	Average height of seam—in inches	Mechanical Mining					Machine Mining (all methods)			
				Number of scraper units	Number of conveyor units	Number of loading machines	Number of employes engaged in this class of work	Number of tons of coal produced by this class of mining	Mining Machines: Electric	Mining Machines: Compressed air	Approximate tons produced by electric machines	Approximate tons produced by compressed air machines
SULLIVAN COUNTY												
Connell Anthracite Mining Co.												
Connell	10	C—Vein B—Vein	60 60	4	-------	-------	24	5,000	10	-------	28,000	-------
Grand total	-------	-------	-------	4	-------	-------	24	5,000	10	-------	28,000	-------
SUSQUEHANNA COUNTY												
Hudson Coal Co.												
Clinton*	1											
The Pittston Co.												
Forest City*	1											
WAYNE COUNTY												
Hudson Coal Co.												
Clinton*	1											
The Pittston Co.												
Forest City*	1											
Grand total all counties	-------	-------	-------	382	400	10	4,363	3,797,626	135	-------	1,462,383	-------

*See Lackawanna County.

Table 7—Number of each class of employes inside, 1929

County	Mine foremen	Assistant mine foremen	Fire bosses	Miners	Miners' laborers	Machine runners	Machine runners' helpers	Motormen	Motormen's assistants	Drivers and runners	Trackmen	Bratticemen	Timbermen and rockmen	Pumpmen and pipemen	Electricians	Doorboys	All other employes	Total inside
Carbon	10	17	54	818	264	--------	--------	48	43	86	67	15	332	14	20	14	441	2,243
Columbia	7	29	--------	598	87	--------	--------	30	22	60	33	44	83	11	3	19	234	1,260
Dauphin	4	10	24	644	158	14	14	15	15	113	18	20	245	72	8	16	274	1,664
Lackawanna	111	371	120	9,651	10,475	179	990	826	799	1,164	710	133	426	319	202	226	3,403	30,105
Luzerne	178	659	315	17,776	14,196	100	489	1,079	1,103	2,573	1,124	474	1,409	531	238	948	6,354	49,539
Northumberland	26	127	42	4,917	639	4	4	115	101	426	131	251	416	99	28	62	1,149	8,537
Schuylkill	93	374	196	12,658	2,737	8	11	364	222	1,279	473	682	1,763	258	80	151	3,691	25,140
Sullivan	2	5	--------	193	73	8	7	18	26	11	18	4	22	10	5	--------	31	433
Susquehanna [1]																		
Wayne [1]																		
Total	431	1,592	751	47,255	28,629	313	1,515	2,488	2,431	5,712	2,574	1,623	4,696	1,314	584	1,436	15,577	118,921

[1] See Lackawanna County. Clinton and Forest City Collieries are located in Lackawanna, Susquehanna and Wayne Counties.

Table 7—Number of each class of employes inside, 1930

Operators and collieries	District	Mine foremen	Assistant mine foremen	Fire bosses	Miners	Miners' laborers	Machine runners	Machine runners' helpers	Motormen	Motormen's assistants	Drivers and runners	Trackmen	Bratticemen	Timbermen and rockmen	Pumpmen and pipemen	Electricians	Doorboys	All other employes	Total inside
CARBON COUNTY																			
Coxe Bros. & Co., Inc.																			
Beaver Meadow	16	3	10	------	173	151	------	------	5	4	34	23	7	21	1	1	4	26	463
Evans Colliery Co.																			
Evans	16	1	1	------	96	6	------	------	------	------	8	2	2	3	8	2	------	7	136
Junedale Coal Co., Inc.																			
Coleraine Washery	16	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Lehigh Navigation Coal Co.																			
Coaldale*	17																		
Lansford	17	2	4	15	173	7	------	------	15	10	17	6	3	120	------	2	2	121	497
Nesquehoning	17	3	1	29	345	43	------	------	31	29	12	7	4	170	------	12	6	315	1,007
Total	----	5	5	44	518	50	------	------	46	39	29	13	7	290	------	14	8	436	1,504
Lehigh Valley Coal Co.																			
Spring Brook	16	1	2	------	58	12	------	------	2	2	6	4	2	17	4	2	------	40	152
Mary G. Coal Co.																			
Coleraine Washery	16	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Grand total	----	10	18	44	845	219	------	------	53	45	77	42	18	331	13	19	12	509	2,255

* See Schuylkill County

COLUMBIA COUNTY																			
Hazle Brook Coal Co.																			
Midvalley	22	1	3	------	92	34	------	------	5	4	3	------	------	8	------	------	1	37	187
Lehigh Valley Coal Co.																			
Centralia	22	4	17	------	244	39	------	------	22	21	20	30	24	30	6	1	13	132	603
Harry L. Mitchneck																			
Clift	16	1	------	------	20	23	------	------	------	------	5	------	------	------	------	------	------	------	49
Nay-But Coal Co.																			
Nay-But	16	1	1	------	30	32	------	------	------	------	5	1	------	------	------	------	------	------	70

Phila. & Reading Coal & Iron Co.																			
Potts	22	1	7	8	230	9	------	------	5	5	28	------	21	52	5	------	4	95	470
Grand total	-----	8	28	8	616	137	------	------	32	30	60	31	45	90	11	1	18	264	1,379
DAUPHIN COUNTY																			
Susquehanna Collieries Co.																			
Short Mountain	25	1	4	9	144	52	12	12	7	7	47	1	7	143	25	6	4	71	552
Williamstown	25	3	5	11	388	84	------	------	7	7	78	15	17	132	29	2	16	164	958
Grand total	-----	4	9	20	532	136	12	12	14	14	125	16	24	275	54	8	20	235	1,510
LACKAWANNA COUNTY																			
Ampere Coal Co.																			
Radiant	2	1	1	------	20	20	------	------	------	------	6	2	------	------	------	------	------	------	50
John J. Barrett																			
Dana Slope	1	1	------	------	18	18	------	------	------	------	3	1	------	------	------	------	------	------	41
Beardslee & Lewis Coal Co.																			
Stone Quarry	1	1	------	------	20	26	------	------	------	------	------	------	------	------	3	------	------	3	53
Corova Coal Mining Co.																			
Boland	1	1	------	------	21	36	2	------	------	------	4	1	------	------	1	1	------	3	70
Tappans		1	1	------	99	95	------	------	3	3	11	4	------	2	------	1	------	12	232
Total	-----	2	1	------	120	131	2	------	3	3	15	5	------	2	1	2	------	15	302
Childs Coal Co.																			
Winton	1	1	1	------	8	9	3	2	------	------	1	1	------	1	------	1	------	4	32
Coal & Timber Co.																			
Slope		1	1	------	9	9	1	------	------	------	5	2	------	------	------	------	------	1	29
D. F. M. Mining Co.																			
D. F. M. Mine	2	1	1	------	14	22	------	------	------	------	4	------	------	------	------	------	------	1	43
Dunmore Anthracite Coal Co.																			
Dunmore	6	1	------	------	2	3	------	------	------	------	------	------	------	------	------	------	------	------	6
Flagg Coal Co.																			
Spring Brook	7	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Gap Mining Co.																			
Radiant	2	1	------	------	20	20	------	------	------	------	3	1	------	------	------	------	------	------	45
John Gibbons Coal Co.																			
Gibbons	5	1	------	------	7	7	------	------	1	1	------	1	------	------	------	------	------	4	22
Glen Alden Coal Co.																			
Archbald	5	1	9	------	259	258	------	------	26	26	1	17	2	5	2	5	3	152	766
Baker	5	4	12	4	369	374	------	------	44	68	2	30	7	58	15	12	2	215	1,216
Diamond	3	3	13	5	373	389	2	------	34	34	23	33	5	18	11	9	6	174	1,132
Hampton Plants	5	------	------	------	------	------	------	------	------	------	------	------	------	------	3	------	------	------	3
Hyde Park	5	4	6	------	246	368	6	------	38	39	------	20	2	17	9	9	5	308	1,077
Pyne	4	1	9	------	211	230	------	------	26	25	6	9	2	5	6	4	------	114	648
Storrs	5	5	24	13	653	855	12	10	59	71	4	42	13	36	8	12	9	290	2,116

Table 7—Number of each class of employes inside, 1930—Continued

Operators and collieries	District	Mine foremen	Assistant mine foremen	Fire bosses	Miners	Miners' laborers	Machine runners	Machine runners' helpers	Motormen	Motormen's assistants	Drivers and runners	Trackmen	Bratticemen	Timbermen and rockmen	Pumpmen and pipemen	Electricians	Doorboys	All other employes	Total inside
LACKAWANNA COUNTY—Cont'd.																			
Glen Alden Coal Co.—Cont'd.																			
Taylor	4	3	11	-------	379	427	-------	-------	37	35	-------	21	3	11	11	8	3	160	1,109
Total	-----	21	84	22	2,490	2,901	20	10	264	298	36	172	34	150	65	59	28	1,413	8,067
Green Ridge Coal Co.																			
Green Ridge	4	1	-------	1	41	54	-------	-------	5	5	2	2	-------	2	-------	1	-------	5	119
Hudson Coal Co.																			
Clinton	1	2	8	-------	75	76	20	154	16	12	2	10	1	-------	4	1	-------	24	405
Coal Brook	2	2	18	-------	329	319	8	125	43	41	4	29	8	12	9	3	3	91	1,044
Eddy Creek	3	3	24	12	540	508	6	77	30	42	105	23	18	8	11	2	23	189	1,621
Gravity Slope	2	2	14	-------	316	317	7	59	32	21	40	25	4	30	9	2	3	64	935
Jermyn	1	2	13	-------	232	289	18	161	29	29	2	25	4	9	3	2	7	86	911
Marvine	3	2	24	9	380	468	40	240	42	44	63	45	3	55	6	4	7	125	1,557
Olyphant	6	3	21	12	363	530	18	158	30	30	79	39	12	9	7	3	13	153	1,480
Powderly	1	2	15	-------	274	418	-------	-------	19	20	56	25	-------	24	-------	2	2	36	893
Total	-----	18	137	33	2,509	2,925	117	974	231	239	351	221	50	147	49	19	58	768	8,846
Humbert Coal Co.																			
Humbert	1	2	1	-------	84	77	-------	-------	3	3	15	2	-------	1	1	-------	-------	-------	189
Estate of Joseph J. Jermyn																			
Jermyn	4	3	10	-------	180	180	-------	-------	-------	-------	80	12	-------	8	10	1	2	31	517
Lackawanna Anthracite Mining Co.																			
Richmondale	1	1	1	-------	55	75	5	5	3	3	5	3	1	3	3	1	-------	4	168
Lackawanna Coal Co.																			
Lackawanna	6	5	3	4	82	61	22	76	13	13	1	8	4	20	11	4	3	48	378
Lackawanna Valley Fuel Co.																			
Childs Mine	2	1	-------	-------	4	4	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	9

Old Buffalo	1	1	1		7	9					4	1						2	25
Throop Washery	6																		
Total		2	1		11	13					4	1						2	34
Lehigh Valley Coal Co.																			
Broadwell	7	1	2		38	46			3	3		2	1	1	3	1	3	7	111
Light Co.																			
Stripping	2																		
Meadowside Coal Co.																			
Meadowside	6	2			45	52			1	1	11	3						13	128
Mid-City Coal Co.																			
Bulls Head	3	1	3	1	26	47			3	3	5	2		8	1	1		8	109
Mine Run Coal Co.																			
Devils Eyebrow	1	1			10	10					5								26
Moffat Coal Co.																			
Moffat	5	1	2		56	79					26	2		2		1	1		170
Norwesco Mining Co.																			
Northwest	1	1			8	8					2			2		1			22
The Pittston Co.																			
Erie	2	1	3		112	128			8	8	12	7		1	1	3	2	24	310
Forest City	1	4	9		259	104	10	9	24	24	8	18	5	[illegible]	10	4	13	111	621
No. 1	6	4	10	6	368	419	7	7	47	47		31		36	8	13	21	103	1,127
No. 5	4	1	7	2	123	215			15	14	12	10	1		2	4	2	58	466
Old Forge	4	4	7		221	236	1	1	24	24		21	1	12	6	10	1	48	617
Underwood	6	4	14	6	410	428	7	7	53	54		45	7		8	13	4	143	1,203
Total		18	50	14	1,493	1,530	25	24	171	171	32	132	14	58	35	47	43	487	4,344
Price-Pancoast Coal Co.																			
Pancoast	4	3	13		155	175			22	21	7	5	1	13	6	7		31	459
Racket Brook Coal Co.																			
Racket Brook	1	1	3		80	71			11	14	2	5		3	3		3	5	201
Raub Coal Co.																			
Austin	7	1	1		35	38			1		10	1	1	2					90
Scott, Farber & Consargra																			
West Side	2	1			5	6					1							1	14
Scranton Coal Co.																			
Capouse	4	1		5	141	259			6	9	33	3	6	2	6	2	2	32	507
Johnson	6	1	3	3	140	185			6	6	25	12	2	3	10	1		28	425
Mt. Pleasant	4	1	1	2	50	78			7	7	16	3	1	22	3	1	2	22	216
Ontario	6	3	5		218	139			6	6	37	12	2	1	10	1	3	29	472
Pine Brook	4	1	4	10	302	344	3	22	22	23	107	28	8	39	16	11	34	64	1,038
Raymond	2	1	4		175	220			6	7	44	8			9	3	14	24	515
Richmond No. 3	6	1			28	40					16	2		4	2		2	9	104
Riverside	2	1	4		136	60			3	3	37		6	2	8	1	2	28	291
West Ridge	3	1			1	40									2			2	46
Total		11	21	20	1,191	1,365	3	22	56	61	315	68	25	73	66	20	59	238	3,614

Table 7—Number of each class of employes inside, 1930—Continued

Operators and collieries	District	Mine foremen	Assistant mine foremen	Fire bosses	Miners	Miners' laborers	Machine runners	Machine runners' helpers	Motormen	Motormen's assistants	Drivers and runners	Trackmen	Brattiemen	Timbermen and rockmen	Pumpmen and pipemen	Electricians	Doorboys	All other employes	Total inside
LACKAWANNA COUNTY—Cont'd																			
Seymour Coal Co.																			
Glendale	1	1	4	2	131	155	------	------	5	4	48	8	2	2	6	2	------	22	392
Sindaco Coal Co.																			
Sindaco	5	1	------	1	6	6	------	------	------	------	------	1	------	2	------	------	------	------	17
South Penn Collieries Co.																			
Legitts Creek	3	1	9	10	134	246	2	2	22	24	11	16	2	15	15	11	------	51	571
Von Storch	3	1	10	5	99	326	2	2	22	22	11	16	1	37	9	13	1	58	635
Total	-----	2	19	15	233	572	4	4	44	46	22	32	3	52	24	24	1	109	1,206
Spencer Coal Co.																			
Spencer	6	1	4	------	65	63	------	------	7	------	20	2	------	4	1	2	------	------	169
Spring Brook Coal Co.																			
Spring Brook	5	1	------	------	6	6	------	------	------	------	1	------	------	1	2	------	------	------	17
Temple Coal Co.																			
Sterrick Creek	2	5	7	4	164	189	19	55	5	5	61	9	2	4	4	1	3	90	627
Throop Coal Co.																			
Crippen	6	1	------	------	5	4	------	------	------	------	------	------	------	------	------	------	------	2	12
West Brook Coal Co.																			
West Brook	2	1	------	------	12	12	------	------	------	------	4	------	------	------	------	------	------	2	31
Wilson Bros. Co.																			
No. 1	2	1	------	------	6	6	------	------	------	------	------	------	------	------	------	------	------	------	13
Wilson Coal Co.																			
Frisbie	1	1	------	------	12	12	------	------	1	1	1	1	------	------	1	------	------	------	30
Grand total	-----	121	371	117	9,472	11,003	221	1,172	853	895	1,104	707	138	561	295	195	204	3,314	30,743
LUZERNE COUNTY																			
Alden Coal Co.																			
Alden	14	1	2	5	220	246	1	1	6	6	60	8	9	7	7	3	14	63	659

Buck Mountain Coal Mining Co.																		
Gowen	15	1	5	-------	105	25	-------	-------	6	6	5	2	-------	7	2	-------	-------	14	178
Carova Coal Mining Co.																			
Langcliffe	7	1	2	1	34	42	-------	-------	2	2	5	2	1	3	3	1	-------	12	111
John Conlon Coal Co.																			
Madeira	10	1	4	3	121	128	-------	-------	4	4	30	5	2	2	6	2	-------	5	317
Keystone	10	1	-------	1	39	39	-------	-------	2	2	8	2	1	2	-------	1	-------	2	100
Total	----	2	4	4	160	167	-------	-------	6	6	38	7	3	4	6	3	-------	7	417
Coxe Bros. & Co., Inc.																			
Deringer & Tomhicken	15	6	14	-------	339	185	-------	-------	18	18	24	14	6	17	1	4	1	24	671
Drifton	15	3	10	-------	209	24	-------	-------	4	4	28	8	3	21	4	1	3	35	357
Eckley & Buck Mountain	15	2	9	-------	175	71	-------	-------	6	6	49	6	-------	17	5	-------	-------	9	355
Total	----	11	33	-------	723	280	-------	-------	28	28	101	28	9	55	10	5	4	68	1,383
R. M. Cranston																			
Cranston	8	1	-------	-------	8	8	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	17
East Alden Mining Co.																			
East Alden	14	1	-------	-------	7	4	-------	-------	1	5	-------	1	1	2	2	-------	-------	1	23
East Boston Coal Co.																			
East Boston	10	1	3	8	61	51	-------	-------	-------	-------	78	-------	-------	-------	10	1	4	255	472
Fox Hill Mining Co.																			
Fox Hill	10	1	1	-------	13	20	-------	-------	-------	-------	8	1	-------	-------	1	-------	-------	3	48
Glen Alden Coal Co.																			
Auchincloss	14	1	4	4	174	127	-------	-------	12	12	1	8	9	14	4	2	7	73	452
Avondale	13	1	6	1	88	101	-------	-------	13	13	7	9	7	19	10	2	7	87	371
Bliss	14	2	16	4	328	291	1	24	29	29	36	22	13	35	10	4	5	132	981
Buttonwood	13	2	7	7	327	299	-------	-------	8	8	73	16	10	11	9	1	57	168	1,003
Grand Tunnel	13	1	2	2	79	67	3	-------	-------	-------	20	4	4	4	5	-------	-------	45	236
Hallstead	7	1	4	1	132	129	-------	-------	12	12	5	4	1	3	3	3	1	84	395
Hollenback	11	1	1	6	231	185	-------	-------	3	3	59	14	6	115	7	-------	43	66	740
Lance No. 11	12	1	8	6	333	323	-------	-------	16	27	69	13	9	27	4	5	54	117	1,012
Loomis	13	4	18	12	498	359	-------	-------	64	63	27	30	31	58	7	12	28	244	1,455
Maxwell	13	1	1	11	537	344	-------	-------	19	29	58	9	7	28	13	1	4	342	1,404
Nottingham No. 15	12	2	9	8	274	266	-------	-------	13	18	52	20	6	24	10	4	27	101	834
Pettebone	10	2	17	-------	247	249	11	105	30	29	14	23	12	27	5	7	5	187	970
So. Wilkes-Barre	11	1	8	10	382	280	-------	-------	9	8	80	8	5	29	6	1	100	195	1,122
Stanton	11	2	1	24	579	439	-------	-------	15	17	104	26	9	18	9	1	11	380	1,635
Sugar Notch	13	1	6	7	330	268	-------	-------	16	25	42	5	5	-------	8	1	2	198	914
Truesdale	13	6	32	-------	717	628	-------	-------	65	59	8	38	44	60	28	19	18	420	2,142
Wanamie	14	2	8	9	360	370	-------	-------	23	21	42	15	11	9	10	6	15	128	1,029
Woodward	12	5	22	8	477	340	-------	-------	40	41	29	40	21	27	9	12	15	281	1,367
Total	----	36	170	120	6,093	5,065	15	129	387	414	726	304	210	508	157	81	399	3,248	18,062

Table 7—Number of each class of employes inside, 1930—Continued

Operators and collieries	District	Mine foremen	Assistant mine foremen	Fire bosses	Miners	Miners' laborers	Machine runners	Machine runners' helpers	Motormen	Motormen's assistants	Drivers and runners	Trackmen	Bratticemen	Timbermen and rockmen	Pumpmen and pipemen	Electricians	Doorboys	All other employes	Total inside
LUZERNE COUNTY—Cont'd.																			
Harris-Denly Coal Co.																			
Kintz	9	1			13	10					3				1				28
Hillman Colliery Co.																			
Hillman	11	1		1	21	26					2	1	1	5	1	1		9	69
Hudson Coal Co.																			
Baltimore No. 5	11	2	3	1	1								1	22	4	1		2	37
Laflin	7														2	1			3
Loree No. 5	12	5	36	6	763	749	15	92	36	69	128	55	17	58	7	2	11	205	2,254
Pine Ridge	10	5	31	8	692	678	24	141	32	31	124	44	9	12	10	4	1	129	1,975
Total		12	70	15	1,456	1,427	39	233	68	100	252	99	27	92	23	8	12	336	4,269
Jeddo-Highland Coal Co.																			
Highland No. 2	15	2	1	1	37	37			4	4	3	6	1	12	6		2	3	119
Highland No. 5	15	3	7	6	208	191			15	15	21	13	4	40	3		6	56	588
Jeddo No. 4	15	6	11	7	342	336			20	20	4	25	9	67	4	2	14	25	892
Jeddo No. 7	15	1	1		48	33					8	4		9	1			1	106
Total		12	20	14	635	597			39	39	36	48	14	128	14	2	22	85	1,705
Kingston Coal Co.																			
Gaylord	12	1	2		72	67			2	1	24	4		2			1	18	194
Kingston No. 2	12	3	6	4	199	139			18	14	21	16	5	43	3	4	4	50	529
Kingston No. 4	9	2	5	6	173	161			6	4	61	12	5	10	11	4	7	33	500
Total		6	13	10	444	367			26	19	106	32	10	55	14	8	12	101	1,223
George F. Lee Coal Co.																			
Chauncey	13	1	2		89	110			6	6	25	6	1	18	6	3		8	281
Lehigh Navigation Coal Co.																			
Cranberry	16	1	10		157	189			14		9	8	5	20		1	2	101	517

Lehigh Valley Coal Co.																			
Dorrance	11	3	20		277	244			33	33	39	24	16	29	9	8	23	170	928
Exeter	9	2	14		287	165			24	25	20	24	5	13	13	4	8	47	661
Franklin	11	4	11		164	87			6	6	48	12	5	17	6	2	10	53	432
Hazleton No. 1	15	2	9		284	49			6	6	15	14	6	61	5	6	4	68	535
Hazleton Shaft & Stockton	15	3	10		195	22			15	13	9	19	2	26	7	5		37	363
Heidelberg	7	3	2		65	37					22	8	2	10	2	1		13	165
Humboldt	16	1			11	7									2				21
Maltby	9	1	13		175	160			13	13	55	10	8	2	8	1	10	50	519
Mineral Spring	10	1	3		70	27			6	5	5	6	1	4	1	1		9	139
Prospect	9	2	15		210	190			10	11	56	21	9	39	13	2	24	122	724
Prospect (Henry)	10	2	15		212	145			19	16	50	20	11	15	6	2	25	72	610
Seneca	7	1	10		129	122			14	14	11	19	3	11	12	1	1	25	373
Spring Mountain	16	1	6		300	40			10	8	14	15	2	20	1	6	2	23	448
Warrior Run	13	2	2		27	27					5	2	1	6	1	1		3	77
Westmoreland	9	1	9		106	85			12	12	8	9	3	4	9	1	7	35	301
William A.	7	1	7		94	93			5	5	32	13	1	13	9	1	5	17	296
Total		30	146		2,606	1,500			173	167	400	216	75	270	104	42	119	744	6,592
Miners Mills Coal Mining Co.																			
Miners Mills	10	1	3		71	57					12	3		5	1			12	165
Pardee Brothers & Co.																			
Beaver Brook	16	1	5		70	35			7	3	2	2		15	2	1		4	147
Lattimer	15	1	5	6	398	32			4	4	31	9	3	25	5	2		18	543
Total		2	10	6	468	67			11	7	33	11	3	40	7	3		22	690
Pittston Coal Mining Co.																			
Hadleigh	13	1	2	1	35	31			5	4	6	2		6	2			8	103
The Pittston Co.																			
Butler	7	4	13	8	362	457			45	46		52		1	7	12	14	114	1,135
Central	7	2	4		141	155			17	17	1	12	2		6	3	6	60	426
Ewen	8	4	13	16	298	589	26	14	43	43	36	35	10	14	20	10	11	141	1,323
No. 6	8	6	12	12	383	515			27	27	96	34	4		10	6	15	155	1,302
No. 9	8	5	12	15	348	384			59	59	11	35	11		9	15	22	189	1,174
No. 14	8	3	16	12	518	566			60	56	37	36	8	26	16	9	19	116	1,498
Total		24	70	63	2,050	2,666	26	14	251	248	181	204	35	41	68	55	87	775	6,858
Plymouth Mining Co.																			
Plymouth	12	1			3	3													7
Plymouth Red Ash Coal Co.																			
Red Ash	12	1	1	1	26	29					9	2		14	1	1		4	89
T. F. Quinn Coal Co.																			
Consolidated	7	2	3		74	89					7			4					179
Raub Coal Co.																			
Louise	10	2	2		100	78			7		27	4	1	2				12	235
Rose Coal Co.																			
Florence	7	1	1		30	35			2	2	2	1	1	1	1	1		2	80

Table 7—Number of each class of employes inside, 1930—Continued

Operators and collieries	District	Mine foremen	Assistant mine foremen	Fire bosses	Miners	Miners' laborers	Machine runners	Machine runners' helpers	Motormen	Motormen's assistants	Drivers and runners	Trackmen	Bratticemen	Timbermen and rockmen	Pumpmen and pipemen	Electricians	Doorboys	All other employes	Total inside
LUZERNE COUNTY—Cont'd.																			
Sandy Run Coal Co.																			
Sandy Run	15	1	3	------	46	20	------	------	------	------	15	2	------	20	3	------	------	22	132
Scranton Anthracite Coal Co.																			
Barnum	7	1	1	1	14	32	------	------	------	------	------	1	1	------	------	------	------	4	55
Pickaway	7	------	1	------	14	32	------	------	1	1	------	------	------	------	------	------	------	3	52
Total	----	1	2	1	28	64	------	------	1	1	------	1	1	------	------	------	------	7	107
E. S. Stackhouse Coal Co.																			
Salem	14	1	------	------	29	46	------	------	4	5	------	2	------	------	------	1	------	5	93
Suscon Coal Co.																			
Suscon	9	1	------	------	18	16	------	------	------	------	3	1	------	1	------	------	------	------	40
Susquehanna Collieries Co.																			
Number 6	14	2	12	13	347	445	------	------	24	30	29	33	12	30	12	------	------	131	1,130
Number 7	14	6	7	30	668	673	------	------	43	45	56	37	13	58	18	------	31	236	1,921
Total	----	8	19	43	1,015	1,118	------	------	67	75	95	70	25	88	30	------	31	367	3,051
Temple Coal Co.																			
Harry E.	9	2	8	9	280	120	------	------	5	4	107	10	4	23	14	2	18	113	719
Troy Coal Co.																			
Troy	9	1	------	------	18	9	------	------	------	------	7	1	------	1	1	------	------	3	41
West End Coal Co.																			
West End	14	2	13	3	220	266	------	------	30	31	------	13	2	------	5	9	------	67	661
Wolf Collieries Co., Inc.																			
Woodside	15	1	1	------	40	5	------	------	------	------	7	1	------	2	4	1	------	3	65
Yatesville Coal Co.																			
Yatesville	9	1	1	------	12	15	------	------	------	------	8	2	------	2	1	------	------	------	42
Grand total	----	174	620	305	17,408	14,868	81	377	1,145	1,175	2,373	1,093	438	1,424	499	232	724	6,477	49,413

NORTHUMBERLAND COUNTY																			
Colonial Colliery Co.									30	23	57	11	32	45	22	4	5	65	917
Colonial	23	9	4	4	505	97	2	2											
Excelsior Coal Co.																			
Corbin	24	1	1	2	46						9	2	1	4					66
Lehigh Valley Coal Co.																			
Sayre	22	3	14		340	81	2		18	18	15	33	21	15	8	1	18	92	679
Northumberland Mining Co.																			
Enterprise	24	1		8	350	55			10	10	29	16	5	40	14	8	1	36	583
Phila. & Reading Coal & Iron Co.																			
Alaska	23	1	8	6	528	6	1		10	6	51	13	15		5		6	46	702
Bear Valley	24	2	6	11	344	34			11	11	22	10	25	15	5			45	541
Burnside	24	1	8	11	473	46	7		13	13	39		8	15	7			145	786
Henry Clay	24	1	12	6	320	21			1	1	46	5	21	11	1		1	62	509
Locust Spring	23	5	19	11	725	16			11	9	74	30	29	56	5		12	202	1,204
Reliance	23	1	5	6	258	34			8	7	20	7	10	8	6		1	89	460
Total		11	58	51	2,648	157	8		54	47	252	65	108	105	29		20	589	4,202
Steinhart Coal Co.																			
Katherine	24	1			10	11			1		1								24
Stevens Coal Co.																			
Trout Run Washery	24																		
Susquehanna Collieries Co.									6	6	1	12	8	29	3	2	5	80	432
Cameron	24	2	1	8	228	41													
Pennsylvania	23	2	3	13	420	49			11	11	12	8	16	58	7	2	12	123	747
Richards	23	1	4	13	500	55			7	7	27	6	14	58	4	2	5	170	873
Total		5	8	34	1,148	145			24	24	40	26	38	145	14	6	22	373	2,052
Grand total		31	85	99	5,047	546	12	2	137	122	403	153	205	354	87	19	66	1,155	8,523
SCHUYLKILL COUNTY																			
Bell Colliery Co.																			
Bell	18	1	1	1	75				4	4	2	2		1		1	2	10	104
Black Heath Coal Co.																			
Black Heath	19	1			8	3					2								14
Buck Run Coal Co.																			
Buck Run	19	1	2	10	220	48			13	13	14	6	6	15	5	2		16	371
Chestnut Hill Coal Co.																			
Chestnut Hill	18	1			14	3					3				1			1	23
Coxe Bros. & Co., Inc.																			
Oneida	16	2	8		163	44			4	4	30	9	2	26			2	25	319
East Bear Ridge Colliery Co.																			
East Bear Ridge	22	1		6	149	39			6	6	11	5	9	27	8	2	2	47	318
Frackville Coal Co.																			
Lucanna	18	1		1	52				1	1	14	1		4	1				76
Glen Alden Coal Co.																			
Audenried	16	3	6	3	269	271			4	4	39	20	1		11	3	30	14	678

Table 7—Number of each class of employes inside, 1930—Continued

Operators and collieries	District	Mine foremen	Assistant mine foremen	Fire bosses	Miners	Miners' laborers	Machine runners	Machine runners' helpers	Motormen	Motormen's assistants	Drivers and runners	Trackmen	Bratticemen	Timbermen and rockmen	Pumpmen and pipemen	Electricians	Doorboys	All other employes	Total inside
SCHUYLKILL COUNTY—Cont'd.																			
Haddock Mining Co.																			
Candlemas	16	8	5	4	273	227	-------	-------	4	4	70	8	6	-------	12	3	8	55	687
Salem Hill	18	1	2	-------	3	2	-------	-------	-------	-------	-------	-------	-------	-------	1	-------	-------	-------	9
Total	-------	9	7	4	276	229	-------	-------	4	4	70	8	6	-------	13	3	8	55	696
Harleigh-Brookwood Coal Co.																			
Lawrence	22	2	3	7	300	24	-------	-------	10	9	25	2	3	12	18	3	-------	95	519
Hazle Brook Coal Co.																			
Maryd	18	1	5	-------	144	16	-------	-------	5	-------	15	2	1	-------	6	-------	2	24	221
Raven Run	21	1	6	-------	210	52	-------	-------	6	6	6	6	2	12	2	1	-------	18	328
Westwood	25	1	3	-------	106	20	-------	-------	7	7	1	2	-------	20	1	-------	-------	43	211
Total	-------	3	14	-------	460	88	-------	-------	18	13	22	10	3	32	9	1	2	85	760
Lavelle Coal Co.																			
Bickle (Mowrey)	22	1	-------	-------	15	2	-------	-------	-------	-------	5	-------	-------	3	-------	-------	-------	1	27
Lehigh Navigation Coal Co.																			
Alliance	18	2	-------	7	303	11	-------	-------	9	9	17	6	13	39	3	1	1	121	542
Coaldale	17	2	5	28	462	4	-------	-------	30	30	21	9	6	220	-------	13	1	352	1,183
Greenwood	17	1	2	13	198	-------	-------	-------	18	14	7	6	3	136	-------	3	6	181	588
Rahn	17	2	2	18	264	20	-------	-------	13	13	23	11	3	51	3	8	6	178	615
Tamaqua	18	2	4	15	176	24	-------	-------	16	14	11	6	-------	164	-------	5	-------	223	660
Total	-------	9	13	81	1,403	59	-------	-------	86	80	79	38	25	610	6	30	14	1,055	3,588
Lehigh Valley Coal Co.																			
Buck Mountain	18	2	17	-------	296	76	-------	-------	2	2	43	14	13	8	-------	4	8	87	572
Packer No. 4	21	3	21	-------	369	66	-------	-------	24	23	6	32	15	46	7	6	10	134	762
Packer No. 5	21	1	12	-------	230	86	-------	-------	15	14	4	17	13	26	3	5	6	65	497

Park	20	3	17		495	75			8	8	31	52	7	9	3	6	2	70	766
Total		9	67		1,390	303			49	47	104	75	48	89	13	21	26	356	2,597
Locust Mountain Coal Co.																			
Weston	21	1	7		260	16			14	14		10	2	3	4	2		20	353
Lytle Coal Co.																			
Lytle	19	1	3	13	281	98			5	3	34	6	8	37	4	2		123	618
Mill Creek Coal Co.																			
Middle Lehigh	18	1		3	69				2	2	4	2	1	5		2		15	106
Morea	18	1		7	265	1			9	9	15	6	3	6	6	3		13	344
Wolf Creek	18	1		1	50				1	1	5	1	1	1	5	1		19	87
Total		3		11	384	1			12	12	24	9	5	12	11	6		47	537
Phila. & Reading Coal & Iron Co.																			
Bast	22	3	9	9	215	11					11	18	37	49	9		1	101	473
Brookside	25	3	13	11	386	56			14	15	43	44	97	46			3	100	831
Ellangowan	20	1	4	7	327	44			2	7	36	5	19	24	1		3	77	557
Gilberton	22	2	6	9	285	2			9	9	26		20	40	2			121	531
Good Spring	25	3	14		277	45			7		40	2	42	28	6		7	97	568
Hammond	21	1	6	10	173	28			10	7	12	5	25	50	4			71	392
Lincoln	25	2	17		321	56			16	13	40	45	59	43	2	6		138	758
Mahanoy City	20	1	7	6	258	46			4	3	14	5	12	20	3		3	68	450
Maple Hill	20	3	9	11	538						46	4	18	37	6		2	116	790
North Mahanoy	20	1	6	12	301	21			5	5	8	3	12	32	5		4	86	501
Otto	19	2	10	9	248	11			4	3	47	7	24	27	7		1	57	457
Pine Knot	19	3	14	11	439	72			8	5	59	6	21	66	3		2	99	808
Shenandoah City	21	2	9	12	430	41			5	5	37	14	20	24	8		4	41	652
Silver Creek	18	1	9	7	305	16			14	14	21	5	15	29				34	470
Tunnel Ridge	20	1	8	9	373	9			5	8	14	11	11	3	9			71	532
Wadesville	18	2	10		219	40			8	8	30	13	34	66	3			73	506
West Shenandoah	21	3	7	10	329	49			7	7	19	7	12	16	2		1	64	533
Total		34	158	133	5,424	547			118	109	503	194	468	600	70	6	31	1,414	9,809
Pine Hill Coal Co.																			
Oak Hill	19	1	3	8	418	66			7	7	33	10	13	36	10			52	664
Pine Hill	19	1	4	10	394	65			8	7	38	8	8	84	8		2	47	684
Total		2	7	18	812	131			15	14	71	18	21	120	18		2	99	1,348
Repplier Coal Co.																			
New Castle	19	1	1	7	244	41			10	10	19	5	5	8	4	2	4	40	401
Saint Clair Coal Co.																			
Saint Clair	18	2		9	198	54			13	12	8	3	2		5		1	42	349
Sherman Coal Corp.																			
Sherman	19	1	2	2	71	16			2	2	12	3	3	16	2	1		12	145

Table 7—Number of each class of employes inside, 1930—Continued

Operators and collieries	District	Mine foremen	Assistant mine foremen	Fire bosses	Miners	Miners' laborers	Machine runners	Machine runners' helpers	Motormen	Motormen's assistants	Drivers and runners	Trackmen	Bratticemen	Timbermen and rockmen	Pumpmen and pipemen	Electricians	Doorboys	All other employes	Total inside
SCHUYLKILL COUNTY—Cont'd.																			
South Penn Collieries Co.																			
Randolph	18	1	------	4	135	6	------	------	5	3	6	1	2	10	2	------	------	6	181
Susquehanna Collieries Co.																			
Wm. Penn	21	1	10	------	254	26	------	------	1	1	32	15	5	33	5	------	------	88	471
Thomas Colliery Co.																			
Thomas	21	1	7	------	121	46	------	------	4	1	11	2	------	12	4	------	------	26	235
Grand total	----	92	316	310	12,978	2,095	------	------	398	366	1,140	448	624	1,670	214	85	124	3,677	24,537
SULLIVAN COUNTY																			
Anthracite Power & Utilities Co.																			
Murray	10	1	1	------	30	30	------	------	------	------	16	4	------	2	1	1	------	3	89
Connell Anthracite Mining Co.																			
Connell	10	1	3	------	180	48	8	6	14	24	------	12	4	19	8	4	------	20	351
Grand total	----	2	4	------	210	78	8	6	14	24	16	16	4	21	9	5	------	23	440
SUSQUEHANNA COUNTY																			
Hudson Coal Co.																			
Clinton *	1	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Pittston Co.																			
Forest City *	1	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
* See Lackawanna County.																			
WAYNE COUNTY																			
Hudson Coal Co.																			
Clinton *	1	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Pittston Co.																			
Forest City *	1	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Grand total all counties	----	442	1,451	903	47,108	29,082	334	1,569	2,646	2,671	5,298	2,506	1,496	4,726	1,182	564	1,168	15,654	118,800

* See Lackawanna County.

Table 8—Number of each class of employes outside, 1929

County	Superintendents	Foremen	Blacksmiths	Carpenters	Engineers and firemen	Machinists	Trackmen	Slatepickers (boys)	Slatepickers (men)	Office employes	All other employes	Total outside	Total inside	Grand total inside and outside
Carbon	9	15	17	75	134	55	80	25	19	18	541	968	2,243	3,211
Columbia	3	4	9	21	61	10	------	37	16	12	209	382	1,260	1,642
Dauphin	2	5	11	51	80	33	11	12	------	29	343	577	1,664	2,241
Lackawanna	49	80	129	422	696	194	115	476	213	275	4,160	6,809	30,105	36,914
Luzerne	76	176	249	873	1,705	327	226	882	254	389	7,521	12,678	49,539	62,217
Northumberland	14	31	53	161	383	70	55	322	63	105	1,708	2,965	8,537	11,502
Schuylkill	58	101	168	573	1,427	240	173	873	165	298	5,903	9,979	25,140	35,119
Sullivan	2	2	2	12	12	3	6	23	17	4	60	143	433	576
Susquehanna [1]														
Wayne [1]														
Total	213	414	638	2,188	4,498	932	646	2,650	747	1,130	20,445	34,501	118,921	153,422

[1] See Lackawanna County. Clinton and Forest City Collieries are located in Lackawanna, Susquehanna and Wayne Counties.

Table 8—Number of each class of employes outside, 1930

Operators and Collieries	District	Superintendents	Foremen	Blacksmiths	Carpenters	Engineers and firemen	Machinists	Trackmen	Slatepickers (boys)	Slatepickers (men)	Office employes	All other employes	Total outside	Total inside	Grand total inside and outside
CARBON COUNTY															
Coxe Bros. & Co., Inc.															
Beaver Meadow	16	-------	2	3	15	29	4	2	-------	-------	3	102	160	463	623
Evans Colliery Co.															
Evans	16	1	1	2	2	6	-------	2	7	5	2	28	56	136	192
Junedale Coal Co.															
Coleraine Washery	16	-------	2	-------	1	6	1	-------	2	-------	1	14	27	-------	27
Lehigh Navigation Coal Co.															
Coaldale *	17	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Lansford	17	2	4	2	23	30	31	9	7	-------	7	133	248	497	745
Nesquehoning	17	5	7	6	37	60	20	25	12	4	9	259	444	1,007	1,451
Total	-------	7	11	8	60	90	51	34	19	4	16	392	692	1,504	2,196
Mary G. Coal Co.															
Coleraine Washery	16	-------	1	-------	1	6	-------	-------	1	2	2	18	31	-------	31
Grand total	-------	8	17	13	79	137	56	38	29	11	24	554	966	2,103	3,069
* See Schuylkill County.															
COLUMBIA COUNTY															
Hazle Brook Coal Co.															
Midvalley	22	1	3	2	8	8	1	-------	1	4	2	59	89	187	276
Lehigh Valley Coal Co.															
Centralia	22	-------	3	6	8	19	2	-------	8	-------	3	80	129	603	732
Harry L. Mitchneck															
Clift	16	1	-------	-------	-------	3	1	-------	1	-------	1	7	14	49	63
Nay-But Coal Co.															
Nay-But	16	1	-------	-------	2	3	1	-------	2	-------	1	14	24	70	94
Phila. & Reading Coal & Iron Co.															

Potts	22	1	1	1	11	31	2				1	74	122	470	592
Grand total		4	7	9	29	64	7		12	4	8	234	378	1,379	1,757
DAUPHIN COUNTY															
Susquehanna Collieries Co.															
Short Mountain	25	1	1	4	18	37	23	3	8		21	122	238	552	790
Short Mountain Washery	25		1		1	2			2			22	28		28
Williamstown	25	1	2	5	26	27	7	6	3		11	152	240	958	1,198
Grand total		2	4	9	45	66	30	9	13		32	296	506	1,510	2,016
LACKAWANNA COUNTY															
Ampere Coal Co.															
Radiant Mine	2			1		2		2					5	50	55
John J. Barrett															
Dana Slope	1	1	1			1		1				2	6	41	47
Beardslee & Lewis Coal Co.															
Stone Quarry	1	1	1			2				1	1	5	11	53	64
Carova Coal Mining Co.															
Boland	1	1	1	1	1						1	4	9	70	79
Tappans Mine	2	1	1	1	4	10		4			1	25	47	232	279
Total		2	2	2	5	10		4			2	29	56	302	358
Childs Coal Co.															
Winton	1				1	1					1	1	4	32	36
Coal & Timber Co.															
Slope	1	1			1	1	1	1			1	6	12	29	41
D. F. M. Mining Co.															
D. F. M. Mine	2					2					1	1	4	43	47
Dunmore Anthracite Coal Co.															
Dunmore	6			1							1		2	6	8
Flagg Coal Co.															
Spring Brook	7	1	1		2	2			2		2	20	30		30
Gap Mining Co.															
Radiant Mine	2			1		2		2					5	45	50
John Gibbons Coal Co.															
Gibbons	5	1	2	1	1	7		1	7		3	37	60	22	82
Glen Alden Coal Co.															
Archbald	5	1	1	2	15	5	2		15	5	3	71	120	766	886
Baker	5	1	1	3	19	5	4	1	11	8	4	152	209	1,216	1,425
Diamond	3	1	3	4	29	16	6	1	12		3	122	197	1,132	1,329
Hampton Plants	5		1	1		14	1				2	46	65	3	68
Hyde Park	5	1	1	1	10	11	3		13	5	4	137	186	1,077	1,263
Pyne	4	1	1	1	3	7	1				1	47	62	648	710
Storrs	5	2	8	6	34	24	7	1	45	10	6	193	336	2,116	2,452
Taylor	4	1	1	3	25	7	3		12	10	5	154	221	1,109	1,330
Total		8	17	21	135	89	27	3	108	38	28	922	1,396	8,067	9,463

Table 8—Number of each class of employes outside, 1930—Continued

Operators and Collieries	District	Superintendents	Foremen	Blacksmiths	Carpenters	Engineers and firemen	Machinists	Trackmen	Slatepickers (boys)	Slatepickers (men)	Office employes	All other employes	Total outside	Total inside	Grand total inside and outside
LACKAWANNA COUNTY—Cont'd.															
Green Ridge Coal Co.															
Green Ridge	4	1	1	1	2	3	1		3		2	10	24	119	143
Hudson Coal Co.															
Clinton	1	1	1	2	2	7	4				8	60	85	405	490
Coal Brook	2	1	3	5	12	25	10	9		5	23	188	281	1,044	1,325
Eddy Creek	3		1	4	5	19	1	9		1	11	112	163	1,621	1,784
Gravity Slope	2	1	2	4	8	20	6	1			18	127	187	935	1,122
Jermyn	1	1	1	3	11	9	5				15	71	116	911	1,027
Marvine	3	2	4	5	9	46	15	2		4	28	218	333	1,557	1,890
Olyphant	6	3	4	5	10	53	16	11		15	36	235	388	1,480	1,868
Powderly	1	1	3	3	7	13	5	1		5	19	150	207	893	1,100
Total		10	19	31	64	192	62	33		30	158	1,161	1,760	8,846	10,606
Humbert Coal Co.															
Humbert	1	1	2	1	3	3	2	2	3	1	2	35	55	189	244
Estate of Joseph J. Jermyn															
Jermyn	4	1	1	3	6	20	1	2	24	11	6	69	144	517	661
Lackawanna Anthracite Mining Co.															
Richmondale	1	1	1	1	2	2	1	1	2		1	12	24	168	192
Lackawanna Coal Co.															
Lackawanna	6	1	2	2		8	1	1			2	51	68	378	446
Lackawanna Valley Fuel Co.															
Childs Mine	2		1	1	1	4					1	14	22	9	31
Old Buffalo	1	1	1	1	1	6	1	1			1	17	30	25	55
Throop Washery	6	1	1		1	1			12		1	12	29		29
Total		2	3	2	3	11	1	1	12		3	43	81	34	115
Lehigh Valley Coal Co.															
Broadwell	7		1	2	1	1						10	15	111	126

Light Co.															
Stripping	2	1		1	1		1	1				24	29		29
Meadowside Coal Co.															
Meadowside	6	1	1	1	1	4			1		4	9	22	128	150
Mid-City Coal Co.															
Bulls Head	3	1	1	1	1	5			5	1	3	7	25	109	134
Mine Run Coal Co.															
Devils Eyebrow	1					2	1	1			1		5	26	31
Moffat Coal Co.															
Moffat	5	2	1	1	1	2	1	2	1	3	2	7	23	170	193
Norwesco Mining Co.															
Northwest	1	1	1		1	5	1	1			1	6	17	22	39
Pittston Co.															
Erie	2	1	1	1	2	3					3	30	41	310	351
Forest City	1	1	1	2	4	16	5		1	3	7	91	131	621	752
No. 1	6	2	1	2	31	23	13	9	53		12	139	285	1,127	1,412
No. 5	4	1	1	2	7	8	2		23	12	7	38	101	466	567
Old Forge	4	2	1	2	13	21	8	1			9	55	112	617	729
Underwood	6	2	1	4	26	33	10	2	27		13	158	276	1,203	1,479
Total		9	6	13	83	104	38	12	104	15	51	511	946	4,344	5,290
Price-Pancoast Coal Co.															
Pancoast	4	1	1	3	7	11	2	1	13	2	2	77	120	459	579
Racket Brook Coal Co.															
Racket Brook	1	1	2	2	3	5	1	2	8	1	5	23	53	201	254
Raub Coal Co.															
Austin	7				1							7	8	90	98
Scott Farber & Consargra															
West Side	2		1		1	1			1		1		5	14	19
Scranton Coal Co.															
Capouse	4		1	1	2	10	1				1	49	65	507	572
Johnson	6		1	4	8	10	1	2	13		3	95	137	425	562
Mt. Pleasant	4		1		1	5					2	17	26	216	242
Ontario	6		1	8	12	17	6	4	8	7	2	113	178	472	650
Pine Brook	4		1	4	1	13	3		10	3	4	121	160	1,038	1,198
Raymond Mine	2			2		16		4			2	25	49	515	564
Richmond No. 3	6		1		1	4					1	11	18	104	122
Riverside Mine	2		1	2	4	18	3	1	10	2	1	41	83	291	374
West Ridge	3										1	2	3	46	49
Total			7	21	29	93	14	11	41	12	17	474	719	3,614	4,333
Seymour Coal Co.															
Glendale	1	1	1	2	6	10	1				2	37	60	392	452
Sindaco Coal Co.															
Sindaco	5	1				1							2	17	19
South Penn Collieries Co.															
Legitts Creek	3		1	4	8	29	6			1	6	34	89	571	660

Table 8—Number of each class of employes outside, 1930—Continued

Operators and Collieries	District	Superintendents	Foremen	Blacksmiths	Carpenters	Engineers and firemen	Machinists	Trackmen	Slatepickers (boys)	Slatepickers (men)	Office employes	All other employes	Total outside	Total inside	Grand total inside and outside
LACKAWANNA COUNTY—Cont'd.															
South Penn Collieries Co.—Cont'd															
Von Storch	3	1	1	3	17	6	14	3	-------	3	15	102	165	635	800
Total	-------	1	2	7	25	35	20	3	-------	4	21	136	254	1,206	1,460
Spencer Coal Co.															
Spencer	6	1	1	1	2	2	1	1	-------	1	3	12	25	169	194
Spring Brook Coal Co.															
Spring Brook	5	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	1	1	17	18
Temple Coal Co.															
Sterrick Creek	2	1	3	2	6	21	4	3	31	7	5	136	219	627	846
Throop Coal Co.															
Crippen	6	-------	-------	-------	-------	1	-------	-------	-------	-------	-------	1	2	12	14
West Brook Coal Co.															
West Brook Mine	2	-------	-------	1	-------	1	-------	-------	-------	-------	-------	2	4	31	35
Wilson Bros. Co.															
Wilson Mine	2	-------	-------	1	-------	1	-------	-------	-------	-------	-------	-------	2	13	15
Wilson Coal Co.															
Frisbie	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	2	2	30	32
Grand total	-------	54	82	127	394	663	182	92	366	127	332	3,886	6,305	30,743	37,048
LUZERNE COUNTY															
Alden Coal Co.															
Alden	14	1	1	2	7	13	3	2	7	8	8	57	109	659	768
Alden Washery	14	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	17	17	-------	17
Total	-------	1	1	2	7	13	3	2	7	8	8	74	126	659	785
Barry Coal Co.															
East Boston	12	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	34	35	-------	35

Buck Mountain Coal Mining Co.															
Gowen	15	1	2	1	4	6	1	1	7		2	32	57	178	235
Carova Coal Mining Co.															
Langeliffe	7	1	2	2	2	8	1	1		1	2	35	55	111	166
John Conlon Coal Co.															
Keystone	10		1	1	1	1						10	14	100	114
Madeira	10	1	1	1	2	3	1	2	4		3	59	77	317	394
Total		1	2	2	3	4	1	2	4		3	69	91	417	508
Coxe Bros. & Co., Inc.															
Deringer & Tombicken	15		2	5	11	15		3			4	77	117	671	788
Drifton	15		4	6	10	50	5	11	4	3	4	134	231	357	588
Eekley & Buck Mountain	15		1	2	8	30	3	12			3	58	117	355	472
Total			7	13	29	95	8	26	4	3	11	269	465	1,383	1,848
R. M. Cranston															
Cranston	8	1		1		1						8	11	17	28
East Alden Mining Co.															
East Alden	14	1	1			1				1		3	6	48	54
East Boston Coal Co.															
East Boston	10	1	1	4	9	14	1		4			39	52		52
Flanagan Coal Co.															
No. 14 Washery	8	1	1	1	3	2	4	1	48	4	6	50	142	472	614
Fox Hill Mining Co.															
Fox Hill	10				1	1					1	5	9	25	34
Glen Alden Coal Co.															
Auchincloss	14		1		1	12		2				26	42	452	494
Avondale	13	1	1	3	14	8	4	1	7		3	67	109	371	480
Bliss	14	1	5	3	37	14	5	2	20		4	96	187	981	1,168
Buttonwood	13		1	2	8	36	2	2	16	6	3	101	177	1,003	1,180
Grand Tunnel	13		1	2	3	4	2			6	1	48	67	236	303
Hallstead	7		1	1	2	3					1	25	33	395	428
Hollenback	11	1	1	2	4	26	1		23	1	5	76	140	740	880
Lance No. 11	12		1	3	26	21	36		36	1	4	86	181	1,012	1,193
Loomis	13	1	1	3	32	14	11	5	10	10	6	158	251	1,455	1,706
Maxwell	13	1	1	2	10	37	1	1	27	3	4	128	215	1,404	1,619
Nanticoke Power Plant	13	1	4	1		10	4				2	43	65		65
Nottingham No. 15	12	1	1	2	8	37	1	1	16	2	5	85	159	834	993
Pettebone	10	1	3	5	19	21	2	4	10	4	4	114	187	970	1,157
So. Wilkes-Barre	11	1	1	2	6	30	1	1	25	6	6	71	150	1,122	1,272
Stanton	11		1	3	11	35	1	1	4	29	4	141	230	1,635	1,865
Sugar Notch	13		1	1	3	21	1	1	26	2	4	104	164	914	1,078
Truesdale	13	3	3	3	26	26	6	9	35		8	230	349	2,142	2,491
Wanamie	14	1	2	2	2	30	1	2	30	1	4	128	203	1,029	1,232
Woodward	12	2	9	5	22	29	9	1	15	1	13	126	232	1,367	1,599
Total		15	39	45	234	414	55	33	300	72	81	1,853	3,141	18,062	21,203

Table 8—Number of each class of employes outside, 1930—Continued

Operators and Collieries	District	Superintendents	Foremen	Blacksmiths	Carpenters	Engineers and firemen	Machinists	Trackmen	Slatepickers (boys)	Slatepickers (men)	Office employes	All other employes	Total outside	Total inside	Grand total inside and outside
LUZERNE COUNTY—Cont'd.															
Harris-Denly Coal Co.															
Kintz	9	1			1	3						3	8	28	36
Hillman Colliery Co.															
Hillman	11				2						1	5	8	69	77
Hudson Coal Co.															
Baltimore No. 5	11		1			21	2				5	13	42	37	79
Laflin	7	1	1	1	2	3	1				1	61	71	3	74
Loree No. 5	12	3	6	8	23	74	10			20	37	238	419	2,254	2,673
Pine Ridge	10	2	4	6	20	53	13	2			30	174	304	1,975	2,279
Total		6	12	15	45	151	26	2		20	73	486	836	4,269	5,105
Jeddo-Highland Coal Co.															
Highland No. 2	15		1	1		13		5			3	58	81	119	200
Highland No. 5	15		1	3	5	18		2		3	2	105	139	588	727
Jeddo No. 4	15	1	3	7	11	33		14		17	4	231	321	892	1,213
Jeddo No. 7	15		1	2	2	8		1			2	75	91	106	197
Total		1	6	13	18	72		22		20	11	469	632	1,705	2,337
John-Ames Coal Co.															
Franklin Washery	11	1	1		1	4			5		1	11	24		24
Kingston Coal Co.															
Gaylord	12	1	1	2	8	11	1	1		6	2	43	76	194	270
Kingston No. 2	12	1	2	4	25	19	4	4		23	3	104	189	529	718
Kingston No. 4	9	1	1	5	15	26	3	5		22	3	114	195	500	695
Total		3	4	11	48	56	8	10		51	8	261	460	1,223	1,683
George F. Lee Coal Co.															
Chauncey	13		1	2	4	4			3		4	23	41	281	322

Lehigh Coal Co.															
Hazle Mountain	15		2	1	2	8	1	14	4		1	27	50		50
Lehigh Navigation Coal Co.															
Cranberry	16	4	8	3	20	33	15	11	2	8	8	203	315	517	832
Lehigh Valley Coal Co.															
Dorrance	11		2	1	4	25	3	2	5	2	5	96	145	928	1,073
Exeter	9	1	2	4	19	18	3	2	1		5	100	155	661	816
Franklin	11		2	4	8	14	1	1	3		4	69	106	432	538
Hazleton No. 1	15		3	2	18	14	2	1	7	1	4	94	146	535	681
Hazleton Shaft & Stockton	15		4	2	25	13	6	3	15	4	4	120	196	363	559
Heidelberg	7		3	3	8	8	2	2	2		3	31	62	165	227
Humboldt	16		1			4					1	6	12	21	33
Maltby	9	1	3	3	8	21	2	2	8		4	78	130	519	649
Mineral Spring	10		1	2	3	7		2			1	6	22	139	161
Prospect	9	1	3	3	13	27	1	2	1	10	5	109	175	724	899
Prospect (Henry)	10		1	1	1	20	1	3			2	55	84	610	694
Seneca	7		3	4	14	30	3	2	9	2	4	60	131	373	504
Spring Mountain	16		5	3	15	36	7	5	14	2	4	121	212	600	812
Warrior Run	13		1	1	3	3		1			1	10	20	77	97
Westmoreland	9		3	3	9	13	1	1	6		4	47	87	301	388
William A.	7		1	2	10	9	1	1			2	28	54	296	350
Total		3	38	38	158	262	33	30	71	21	53	1,030	1,737	6,744	8,481
Lynott Coal Co.															
Stripping	8	1				2					1	8	12		12
M. & M. Coal Co.															
Clifford	7	1	2	2	2	2					2	25	36		36
Miners Mills Coal Mining Co.															
Miners Mills	10	1	1	1	1	4				4	1	9	22	165	187
Nanticoke Valley Coal Co.															
Washery	14	1	2		6	6			2			35	52		52
Pardee Bros. & Co., Inc.															
Beaver Brook	16	1	1	1	2	4	2	1			1	23	36	147	183
Lattimer	15	1	5	3	13	28	4	4	15	3	17	113	206	543	749
Total		2	6	4	15	32	6	5	15	3	18	136	242	690	932
Park Red Ash Coal Co.															
Red Ash	11			1	1	3					1	16	22		22
Pittston Coal Mining Co.															
Hadleigh	13	1	2	1	3	11	1	2	2	6	1	18	48	103	151
Pittston Co.															
Butler	7	1	1	4	28	28	26	13	78	16	18	147	360	1,135	1,495
Central	7			1	6	13	4					30	54	426	480
Ewen	8	2	2	8	43	45	22	1	54	1	17	146	341	1,323	1,664
Number 6	8	1	1	4	21	36	7	2	37		6	129	244	1,302	1,546
Number 9	8	2	1	5	38	40	16	1			13	91	207	1,174	1,381

Table 8—Number of each class of employes outside, 1930—Continued

Operators and Collieries	District	Superintendents	Foremen	Blacksmiths	Carpenters	Engineers and firemen	Machinists	Trackmen	Slatepickers (boys)	Slatepickers (men)	Office employes	All other employes	Total outside	Total inside	Grand total inside and outside
LUZERNE COUNTY—Cont'd.															
Pittston Co.—Cont'd.															
Number 14	8	2	2	7	27	26	8	3	24	3	14	139	255	1,498	1,753
Total		8	7	29	163	188	83	20	193	20	68	682	1,461	6,858	8,319
Plymouth Mining Co.															
Plymouth	12	1	1			1			3			2	8	7	15
Plymouth Red Ash Coal Co.															
Red Ash	12		1	1	2	2			7		3	4	20	89	109
T. F. Quinn Coal Co.															
Consolidated	7		1	1	2	8			24	2	2	3	43	179	222
Raub Coal Co.															
Louise	10	1	1	1	2	2			7		3	36	53	235	288
Rose Coal Co.															
Florence	7		1		1		1	1	6	2	2	5	19	80	99
Sandy Run Coal Co.															
Sandy Run	15	1	1	1	5	7	1	2	8		3	40	69	132	201
Scranton Anthracite Coal Co.															
Barnum	7	1	1	1	3	1	4			5	1	25	42	55	97
Pickaway	7		1				1	1				3	6	52	58
Total		1	2	1	3	1	5	1		5	1	28	48	107	155
E. S. Stackhouse Coal Co.															
Salem	14		1		1	2		1	3	2	3	16	29	93	122
Suscon Coal Co.															
Suscon	9					1		1				1	3	40	43
Susquehanna Collieries Co.															
Number 6	14	1	4	10	23	40	10	12	25		14	232	371	1,130	1,501
Number 7	14	1	3	13	11	77	31	9	14		18	304	481	1,921	2,402
Total		2	7	23	34	117	41	21	39		32	536	852	3,051	3,903

Temple Coal Co.															
Harry E.	9	1	1	4	5	22	3	2	20	4	4	95	161	719	880
Troy Coal Co.															
Troy	9	1	1	1	1	1			2		1	3	11	41	52
West End Coal Co.															
West End	14	1	1	5	15	8	10	3	5		3	115	166	661	827
Wolf Collieries Co., Inc.															
Woodside Mines	15	1		1	1		1	1				6	11	65	76
Yatesville Coal Co.															
Yatesville	9	1		1		1	1					8	12	42	54
Grand total		69	167	232	854	1,573	310	205	795	257	423	6,816	11,701	49,565	61,266
NORTHUMBERLAND COUNTY															
Colonial Colliery Co.															
Colonial	23	1	2	4	13	18	16	1	4	5	4	123	191	917	1,108
Excelsior Coal Co.															
Corbin	24	1	3	1	5	9	2	1	29	12	2	89	154	66	220
Lehigh Valley Coal Co.															
Sayre	22		3	3	9	27	7	4	14		4	104	175	679	854
Northumberland Mining Co.															
Enterprise	24	1	2	5	14	7	1	1		3	5	72	111	583	694
Phila. & Reading Coal & Iron Co.															
Alaska	23	1	1	3	4	14	2	1			3	31	60	702	762
Bear Valley	24	1	1	3	19	30	3	4	39	3	2	132	237	541	778
Burnside	24	1	1	3	20	33	2	3	46	17	8	174	308	786	1,094
Central Breaker	23	1	2	7	4	26	6		20	1	27	241	335		335
Henry Clay	24	1	1	3	10	34	2	3	20	11	6	112	203	509	712
Locust Spring	23	2	1	3	15	32	2	2			4	150	211	1,204	1,415
Reliance	23	1	1	1	5	19		1			3	42	73	460	533
Total		8	8	23	77	188	17	14	125	32	53	882	1,427	4,202	5,629
Steinhart Coal Co.															
Katherine	24	1			2	2	1			2	1	10	19	24	43
Stevens Coal Co.															
Trout Run Washery	24	1	2	1	8	3			24	4	1	98	142		142
Susquehanna Collieries Co.															
Cameron	24		3	4	18	15	3	3	9	3	13	106	177	432	609
Pennsylvania	23	1	2	4	21	20	7	2	21	5	13	116	212	747	959
Richards	23		3	5	18	24	4	6	16	2	15	130	223	873	1,096
Total		1	8	13	57	59	14	11	46	10	41	352	612	2,052	2,664
Grand total		14	28	50	185	313	58	32	242	68	111	1,730	2,831	8,523	11,354

Table 8—Number of each class of employes outside, 1930—Continued

Operators and Collieries	District	Superintendents	Foremen	Blacksmiths	Carpenters	Engineers and firemen	Machinists	Trackmen	Slatepickers (boys)	Slatepickers (men)	Office employes	All other employes	Total outside	Total inside	Grand total inside and outside
SCHUYLKILL COUNTY															
Bell Colliery Co.															
Bell	18	-------	1	1	3	3	1	-------	4	1	2	30	46	104	150
Black Heath Coal Co.															
Black Heath	19	1	-------	-------	-------	2	-------	-------	2	-------	-------	6	11	14	25
Buck Run Coal Co.															
Buck Run	19	1	1	3	8	12	1	-------	13	-------	5	91	135	371	506
Chestnut Hill Coal Co.															
Chestnut Hill	18	-------	1	-------	-------	1	-------	-------	2	1	-------	6	11	23	34
Cox Bros. & Co., Inc.															
Oneida	16	-------	1	3	7	21	6	4	-------	-------	3	54	99	319	418
East Bear Ridge Colliery Co.															
East Bear Ridge	22	1	1	2	9	7	3	3	17	6	4	75	128	318	446
Frackville Coal Co.															
Lucanna	18	1	1	1	3	3	1	2	5	-------	1	21	39	76	115
Glen Alden Coal Co.															
Audenried	16	1	5	6	19	55	2	13	39	-------	11	341	492	678	1,170
Haddock Mining Co.															
Candlemas	16	1	8	3	10	29	4	10	9	9	7	115	205	687	892
Salem Hill	18	1	1	1	1	-------	1	-------	-------	-------	-------	2	7	9	16
Total	-------	2	9	4	11	29	5	10	9	9	7	117	212	696	908
Harleigh-Brookwood Coal Co.															
Lawrence	22	1	1	5	13	14	3	1	26	6	4	102	176	519	695
Hazle Brook Coal Co.															
Maryd	18	1	2	2	5	23	1	-------	7	5	3	56	105	221	326
Raven Run	21	-------	3	2	8	20	2	2	8	3	3	93	144	328	472
Westwood	25	1	3	1	3	9	1	1	6	4	2	41	72	211	283
Total	-------	2	8	5	16	52	4	3	21	12	8	190	321	760	1,081

Lavelle Coal Co.															
Bickle (Mowrey)	22	1	2	1	1	3	1		1		1	14	25	27	52
Lehigh Navigation Coal Co.															
Alliance	18	2	3	3	4	17	7	4	4	1	4	108	157	542	699
Coaldale	17	4	7	5	22	97	22	33		1	9	305	505	1,183	1,688
Greenwood	17	3	2	3	29	15	24	6	8	2	6	123	221	588	809
Rahn	17	1	2	2	21	25	8	6	1	1	5	109	181	615	796
Tamaqua	18	1	2	1	13	21	10	3	5	2	7	115	180	660	840
Total		11	16	14	89	175	71	52	18	7	31	760	1,244	3,588	4,832
Lehigh Valley Coal Co.															
Buck Mountain	18		1	5	14	26	5	2	4		4	91	152	572	724
Packer No. 4	21	1	1	7	21	39	6	4	12		4	123	218	762	980
Packer No. 5	21	1	1	4	20	15	7	3	8	10	4	125	198	497	695
Park	20		2	6	13	35	7	3	13	11	3	141	239	766	1,005
Springdale Washery	20		1		4	4		2	3		1	38	53		53
Total		2	6	22	72	119	25	19	40	21	16	518	860	2,597	3,457
Locust Mountain Coal Co.															
Weston	21	1	3	2	7	10	6	3	9	3	15	88	147	353	500
Lytle Coal Co.															
Lytle	19	1	1	2	18	21	5	1	15	4	14	114	196	618	814
Mill Creek Coal Co.															
Middle Lehigh	18		1	2	2	3	1					6	15	106	121
Morea	18	2	5	3	25	9	1		31	4	3	45	128	344	472
Wolf Creek	18		1	2		3	1					3	10	87	97
Total		2	7	7	27	15	3		31	4	3	54	153	537	690
Phila. & Reading Coal & Iron Co.															
Bancroft	22		1	1	2	20		1				74	99		99
Bast	22	1	1	3	11	52	2	1			2	133	206	473	679
Brookside	25	1	1	4	29	61	1	10	20		8	168	303	831	1,134
Eagle Hill	18											6	6		6
Ellangowan	20		2	3	16	44	4		39	2	1	153	264	557	821
Gilberton	22	1	1	3	11	35	2		39	9	8	124	233	531	764
Good Spring	25	1	3	4	21	33	4	7	26	3	8	144	254	568	822
Hammond	21	1	1	2	15	39	2	5	33	7	7	109	221	392	613
Lincoln	25		1	2	18	31	5	4	22		8	97	188	758	946
Mahanoy City	20	1	2	1	6	24		2	32		13	84	165	450	615
Maple Hill	20	1	2	3	8	48	4	2	30	4	10	134	246	790	1,036
North Mahanoy	20	1	1	3	10	30	2	2	33	7	1	104	194	501	695
Otto	19	1	2	5	15	21	1	1	26	5	6	138	221	457	678
Pine Knot	19	1	1	5	27	55	1	12	45	3	7	220	377	808	1,185
Reevesdale	18		1			5						1	7		7
Shenandoah City	21	1	2	3	10	52	3	5	41	6	12	147	282	652	934
Silver Creek	18		1	6	21	34	6	2	35		6	133	244	470	714

Table 8—Number of each class of employes outside, 1930—Continued

Operators and Collieries	District	Superintendents	Foremen	Blacksmiths	Carpenters	Engineers and firemen	Machinists	Trackmen	Slatepickers (boys)	Slatepickers (men)	Office employes	All other employes	Total outside	Total inside	Grand total inside and outside
SCHUYLKILL COUNTY—Cont'd.															
Phila. & Reading Coal & Iron Co.—Cont'd.															
Tunnel Ridge	20	1	1	4	12	36			19	6	1	101	181	532	713
Wadesville	18	1	1	2	13	48	7	1	33	6	8	126	246	506	752
West Shenandoah	21	1	1	4	9	35		4	35	3	1	130	223	533	756
Total		14	26	58	254	703	44	59	508	61	107	2,326	4,160	9,809	13,969
Pine Hill Coal Co.															
Oak Hill	19	2	2	2	11	12	7	7	4	7	6	98	158	664	822
Pine Hill	19	2	2	3	16	13	6	1	3	5	6	120	177	684	861
Total		4	4	5	27	25	13	8	7	12	12	218	335	1,348	1,683
Repplier Coal Co.															
New Castle	19	1	1	1	5	7	1	3	10		3	58	90	401	491
Saint Clair Coal Co.															
Saint Clair	18	1	5	2	10	37	7	2	1		4	141	210	349	559
Sherman Coal Corp.															
Sherman	19		1	1	2	2	1	1	2	4	6	32	52	145	197
South Penn Collieries Co.															
Randolph	18	1	1	1	2	6	2			3	2	35	53	181	234
Strange Coal Co.															
Strange Washery	18	1	1						1			8	11		11
Susquehanna Collieries Co.															
Wm. Penn	21	1	1	6	11	18	6		18		9	97	167	471	638
Syncline Contracting Co.															
Syncline	22	1	1	1	2	15		6		4	1	25	56		56
Thomas Colliery Co.															
Thomas	21	1	1	2	6	7	1	2	17	4	3	67	111	235	346
Grand total		53	106	155	622	1,362	212	192	816	162	272	5,588	9,540	24,537	34,077

SULLIVAN COUNTY															
Anth. Power & Utilities Co.															
Murray	10	1	1	2	2	7	-------	3	3	4	3	26	52	89	141
Connell Anth. Mining Co.															
Connell	10	1	1	2	6	15	3	4	1	-------	1	58	92	351	443
Grand total		2	2	4	8	22	3	7	4	4	4	84	144	440	584
SUSQUEHANNA COUNTY															
Hudson Coal Co.															
Clinton *	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Pittston Co.															
Forest City *	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
WAYNE COUNTY															
Hudson Coal Co.															
Clinton *	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Pittston Co.															
Forest City *	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Grand total all counties		206	413	599	2,216	4,200	858	575	2,277	633	1,206	19,188	32,371	118,800	151,171

* See Lackawanna County.

TABLE
OF
INSPECTION DISTRICTS 1929-30

District	*Inspector*	*Headquarters*
1	William Reid	Carbondale
2	P. J. Moore	Carbondale
3	L. M. Evans	Scranton
4	Augustus McDade	Taylor
5	S. J. Phillips	Scranton
6	F. B. Magovern	Scranton
7	Henry R. Owens	Scranton
8	Joseph J. Walsh	Wilkes-Barre
9	Edwin C. Curtis	Kingston
10	John B. Corgan	Kingston
11	Thomas J. Williams	Kingston
12	D. T. Davis	Wilkes-Barre
13	Frank Kettle	Nanticoke
14	John L. Picton	Plymouth
15	David J. Roderick	Hazleton
16	J. J. Stickler	Hazleton
17	William J. Clements	Coaldale
18	Timothy A. Ryan	Pottsville
19	Charles G. Fromme	Pottsville
20	Bert Golden	Mahanoy City
21	William R. Bottomley	Shenandoah
22	James Quigley	Mount Carmel
23	B. I. Evans	Mount Carmel
24	P. J. Friel	Shamokin
25	Charles J. Price	Lykens

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